

FIG. 1

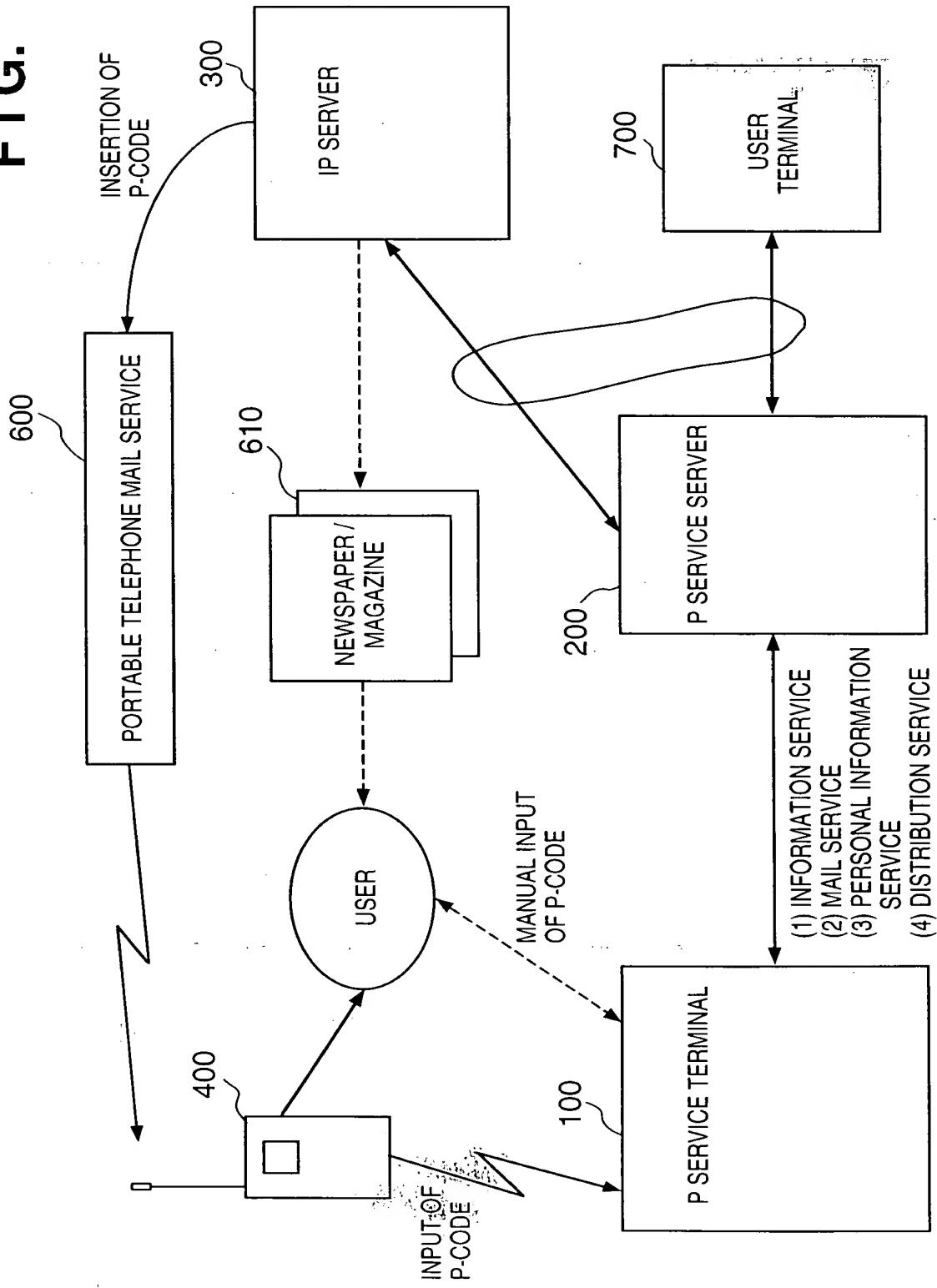
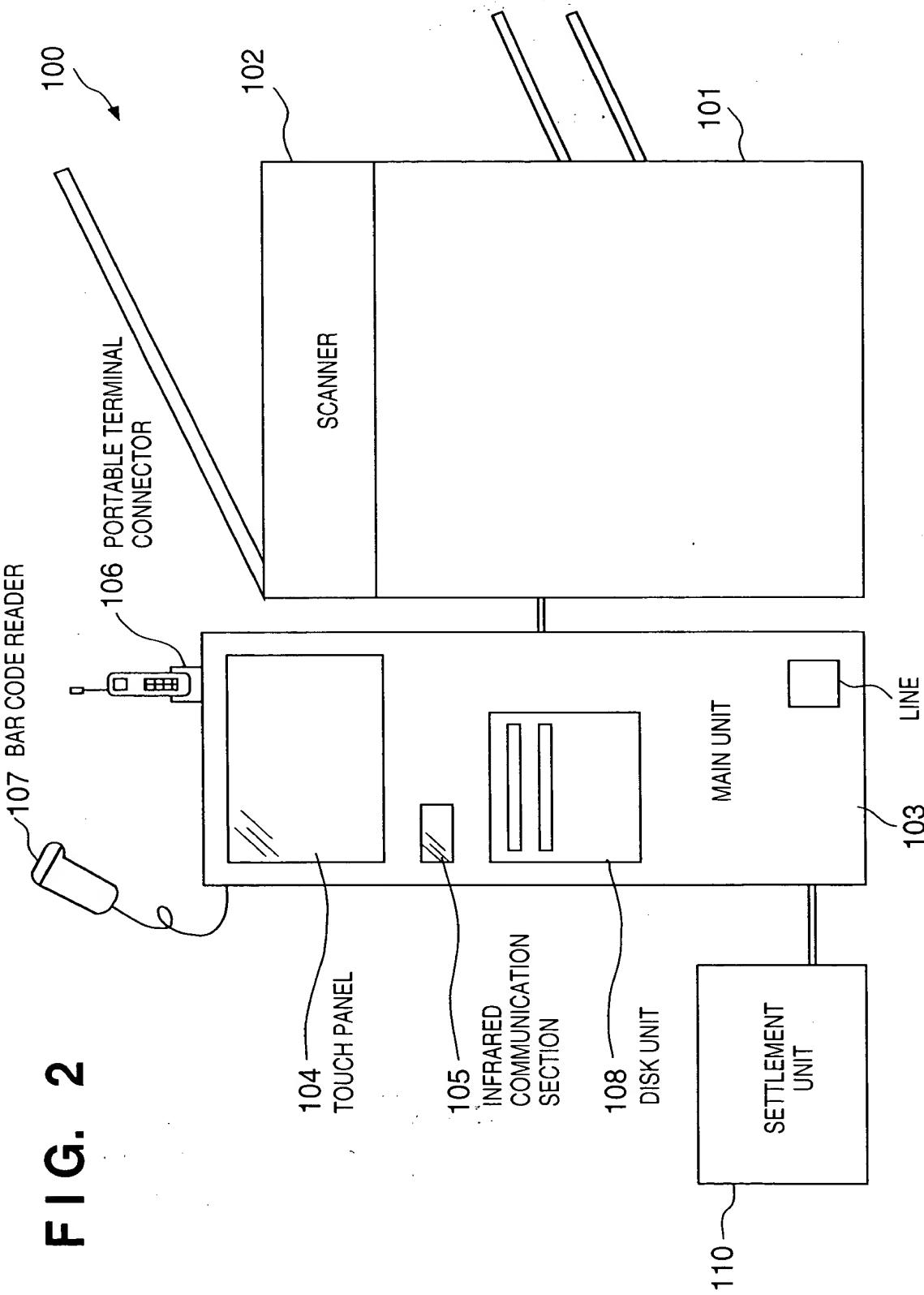


FIG. 2



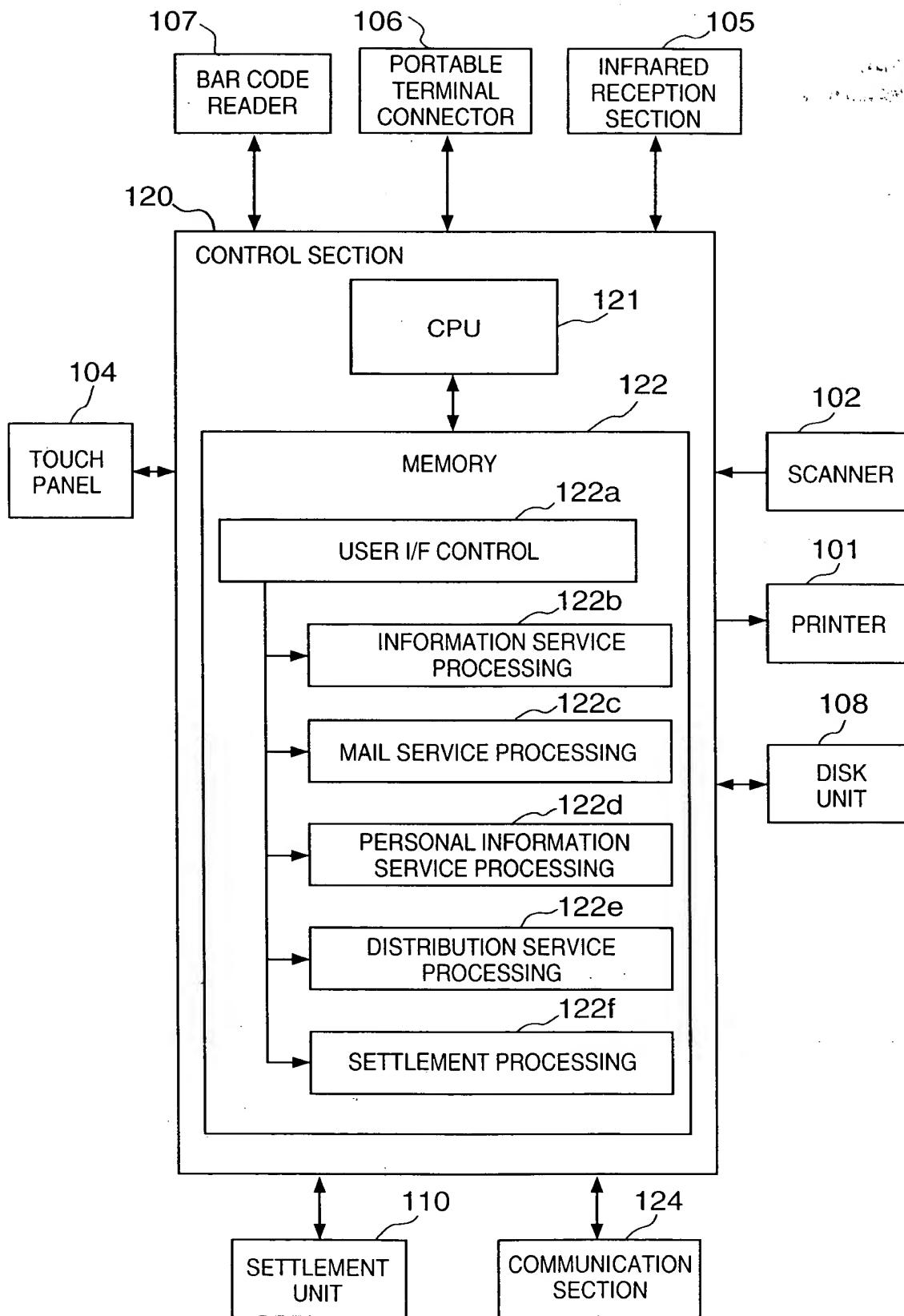


FIG. 4

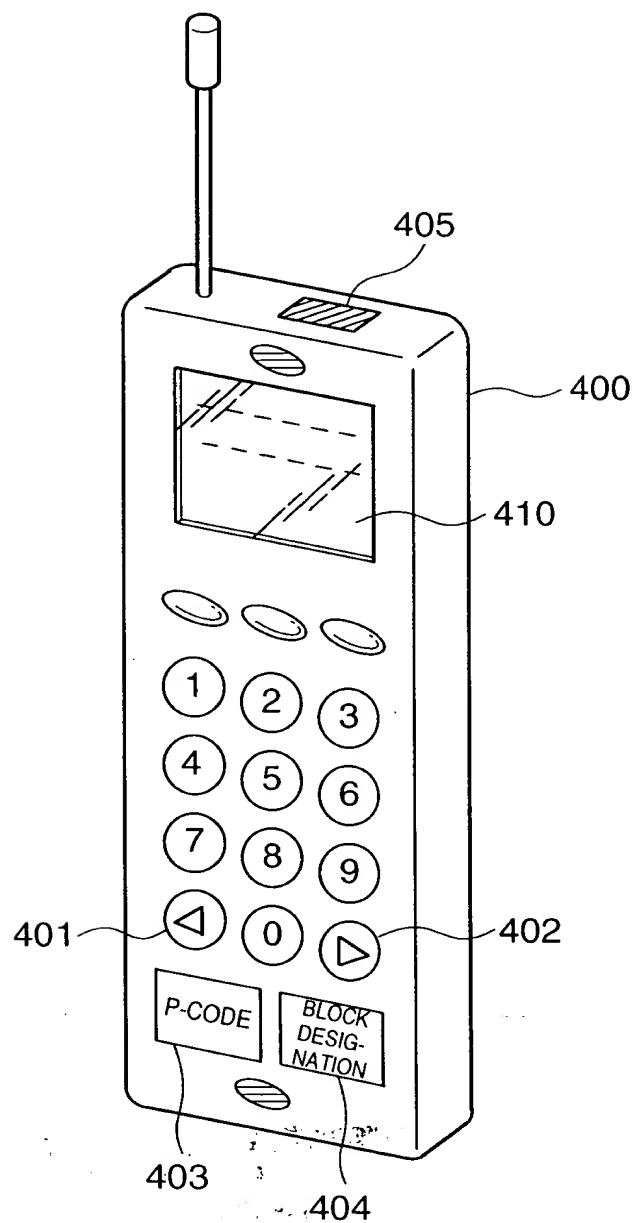


FIG. 5

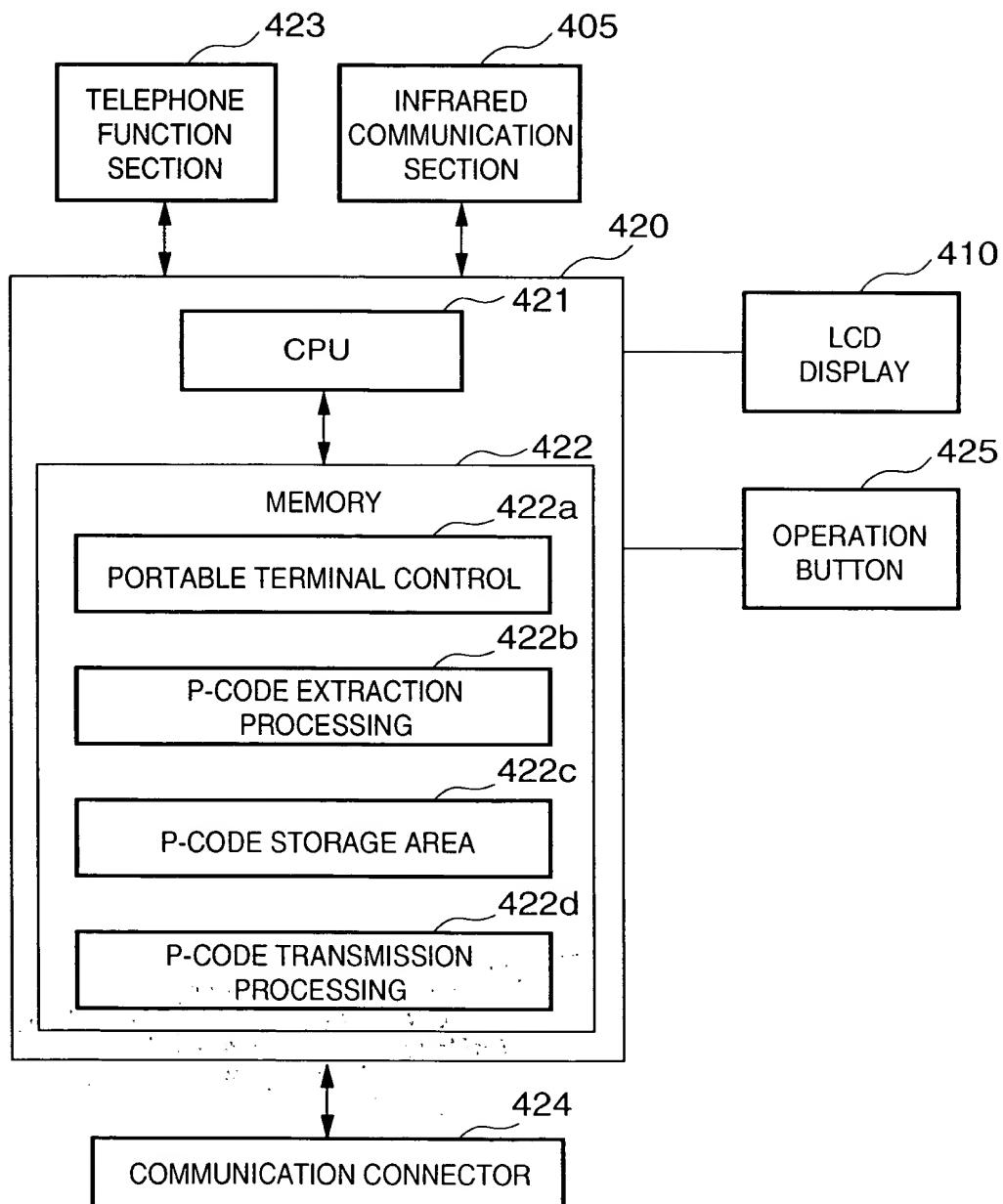


FIG. 6

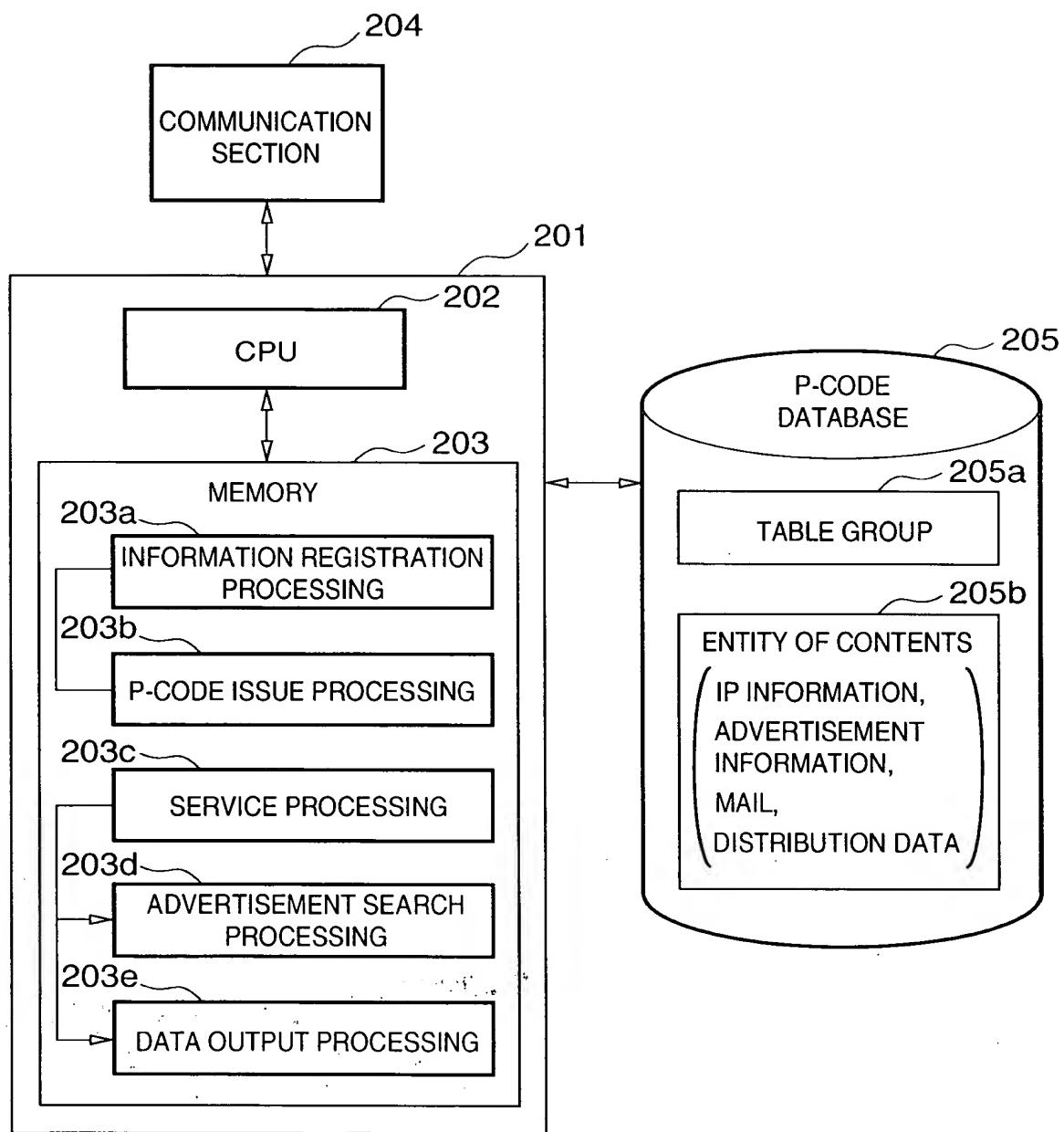


FIG. 7

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IP INFORMATION REGISTRATION TABLE		PARENT CODE SECTION FLAG REPRESENTING WHETHER Sub-code IS PRESENT Sub-code SECTION LINK	LINKED P-CODE
P-CODE	IDENTIFICATION SECTION BASIC PROPERTIES	OWNER ID TITLE SUBTITLE (SUMMARY) STATUS PRICE OF INFORMATION SIZE ADVERTISEMENT INSERTION ENABLE / DISABLE CONDITION PASSWORD FOR INFORMATION DATA OF START OF INFORMATION INSERTION TERM OF INFORMATION VALID DATES OF CODE MINIMUM ENLARGEMENT LIMIT VALUE MINIMUM REDUCTION LIMIT VALUE GENRE SUBGENRE REGION CODE KEYWORD LIST KEYWORD WEIGHT LIST	REGISTERED, USABLE, SUSPENDED, ABOLISHED
FRAME INFORMATION	P-CODE		FOR INFORMATION WITH REGIONAL CHARACTERISTICS
NONLINK INFORMATION	P-CODE LINKED TO THIS INFORMATION		
ENTITY FILE INFORMATION	NUMBER OF FILES FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)		

F | G. 8

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ADVERTISEMENT INFORMATION TABLE					
P-CODE	ADVERTISEMENT PROPERTIES	OWNER ID	DATE OF START OF ADVERTISEMENT INSERTION TERM OF ADVERTISEMENT	LINK INFORMATION TO IP INFORMATION	
				SIZE OF ADVERTISEMENT PORTRAIT/LANDSCAPE ADVERTISEMENT SIZE ADJUSTMENT METHOD SETTING OF ADVERTISEMENT INSERTION POSITION UPPER LIMIT OF AMOUNT ADVERTISEMENT PRICE INFORMATION (UNIT PRICE) UPPER LIMIT OF PRINTING COUNT CURRENT PRINTING COUNT	TYPE OF LINK METHOD TARGET KEYWORD LIST TARGET KEYWORD WEIGHT LIST
LINK	P-CODE	NUMBER OF FILES			
ENTITY FILE INFORMATION	FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)				

F | G. 9

USER INFORMATION TABLE

P-CODE OF USER (TELEPHONE) NUMBER	USER PROFILE	POSTAL CODE ADDRESS TYPE OF SERVICE TO USE NAME OF COMPANY BUSINESS CATEGORY ID BUSINESS CATEGORY (OTHERS) NAME OF DEPARTMENT / SECTION POST JOB	PRINTING PAPER INFORMATION BIRTHDAY / BLOOD TYPE / SEX FINAL SCHOOL CARRIER / OCCUPATION ID / OCCUPATION (OTHERS) MARRIED / SINGLE / NUMBER OF FAMILY NUMBERS / INCOME / AMOUNT OF SAVING HOUSE IN POSSESSION OR NOT / CAR / PISTON DISPLACEMENT / MODEL MOTORCYCLE / PISTON DISPLACEMENT / MODEL CURRENT PET / DESIRED PET HOBBY / MUSIC / MOVIE SPECTATOR SPORTS / SPORTS / FISHING GENRE OF INTEREST (DESIRED INFORMATION) (ID LIST)	PRIORITY FOR LAYOUT PAPER SIZE DIRECTION OF PAPER AMOUNT OF ADVERTISEMENT (e.g., USE OF LOWER SURFACE)
PERSONAL INFORMATION TABLE			TO ANOTHER DB	
MAIL SERVICE INFORMATION		NUMBER OF MAIL MESSAGES MAXIMUM ENLARGEMENT LIMIT VALUE MINIMUM REDUCTION LIMIT VALUE P-CODE LIST (NUMBER CORRESPONDING TO NUMBER OF MAIL MESSAGES)		
DISTRIBUTION SERVICE INFORMATION		NUMBER OF REGISTERED DATA P-CODE LIST (NUMBER CORRESPONDING TO NUMBER OF DISTRIBUTED DATA)		
PERSONAL INFORMATION SERVICE INFORMATION		NUMBER OF FRAME DATA P-CODE LIST (NUMBER CORRESPONDING TO NUMBER OF FRAME DATA)		

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FIG. 10

MAIL SERVICE P-CODE TABLE	
P-CODE (TELEPHONE NUMBER#NUMBER)	PROPERTIES OF MAIL SENDER DATE AND TIME OF TRANSMISSION
	ENTITY FILE INFORMATION NUMBER OF FILES (INCLUDING ATTACHED FILE) FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)

FIG. 11

DISTRIBUTION SERVICE P-CODE TABLE

P-CODE (TELEPHONE NUMBER-NUMBER)	PROPERTIES OF REGISTERED INFORMATION	TITLE * DATE OF INFORMATION REGISTRATION VALID DATES OF INFORMATION PASSWORD (PASSWORD) FOR INFORMATION
ENTITY FILE INFORMATION	NUMBER OF FILES (INCLUDING ATTACHED FILE) FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)	

F | G. 12

PERSONAL INFORMATION SERVICE P-CODE TABLE

P-CODE (TELEPHONE NUMBER##NUMBER)	PROPERTIES OF PERSONAL P-CODE INFORMATION	TITLE DATE OF FINAL PRINTING PRINTING PAPER INFORMATION	PRIORITY FOR LAYOUT PAPER SIZE DIRECTION OF PAPER AMOUNT OF ADVERTISEMENT (e.g., USE OF LOWER SURFACE)
REGISTERED P-CODE INFORMATION	NUMBER OF REGISTERED P-CODES P-CODE LIST (INDICATING FRAME)		

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FIG. 13

PERSONAL INFORMATION TABLE

USER-ID	PHONETIC TRANSCRIPTION (LAST NAME) PHONETIC TRANSCRIPTION (FAMILY NAME) NAME (FAMILY NAME) NAME (FIRST NAME) NAME (MIDDLE NAME) POSTAL CODE ADDRESS TELEPHONE NUMBER FAX NUMBER PORTABLE TELEPHONE NUMBER E-MAIL ADDRESS PASSWORD NAME OF COMPANY BUSINESS CATEGORY ID BUSINESS CATEGORY (OTHERS) NAME OF DEPARTMENT / SECTION POST JOB POSTAL CODE OF COMPANY ADDRESS OF COMPANY TELEPHONE NUMBER OF COMPANY FAX NUMBER OF COMPANY PAYER INFORMATION	PRIORITY FOR LAYOUT PAPER SIZE DIRECTION OF PAPER AMOUNT OF ADVERTISEMENT (e.g., USE OF LOWER SURFACE)

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FIG. 14

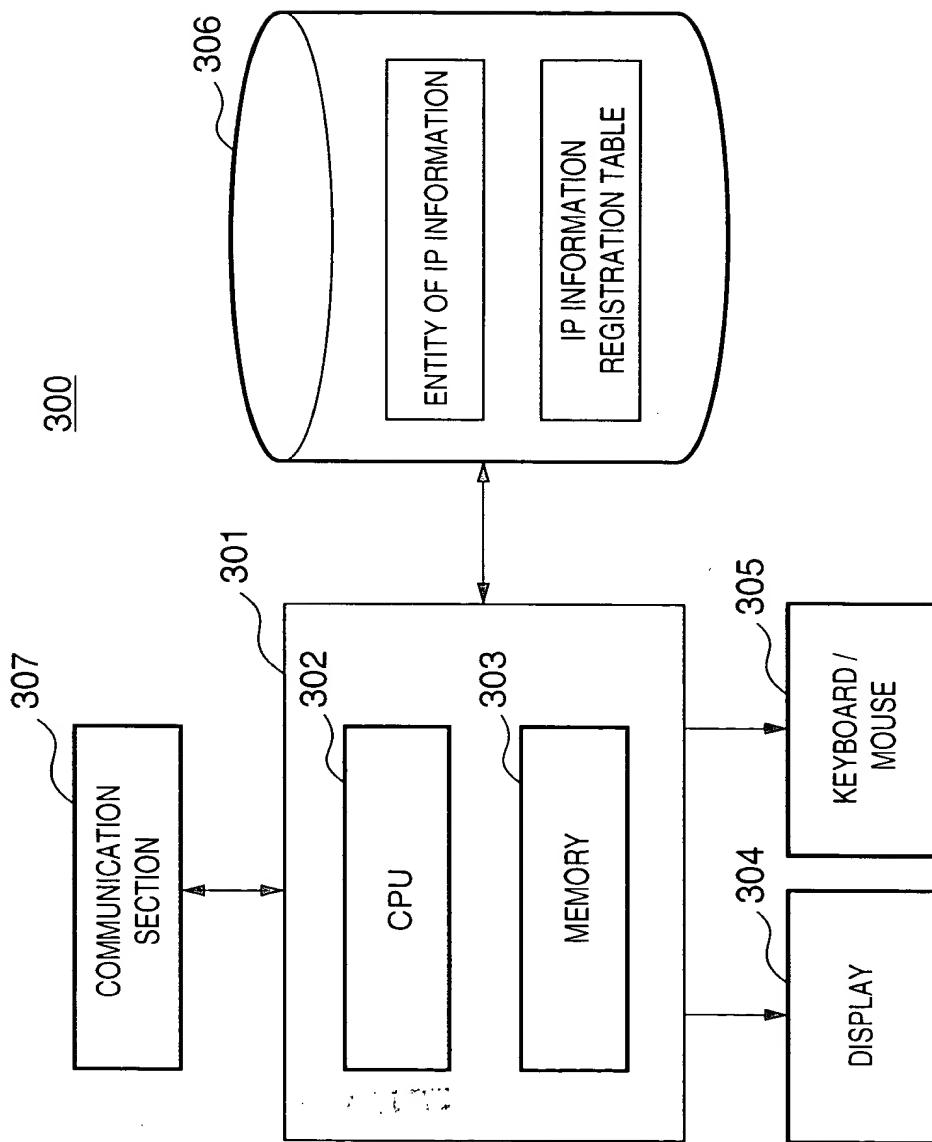
OWNER INFORMATION TABLE	SAME AS PERSONAL INFORMATION TABLE
USER-ID	NAME OF COMPANY / NAME POSTAL CODE OF COMPANY ADDRESS OF COMPANY TELEPHONE NUMBER OF COMPANY FAX NUMBER OF COMPANY E-MAIL ADDRESS OF PERSON IN CHARGE PASSWORD BUSINESS CATEGORY ID BUSINESS CATEGORY (OTHERS) NAME OF DEPARTMENT / SECTION PAYER INFORMATION USE DISK AREA INFORMATION CHARGE RECORD

FIG. 15

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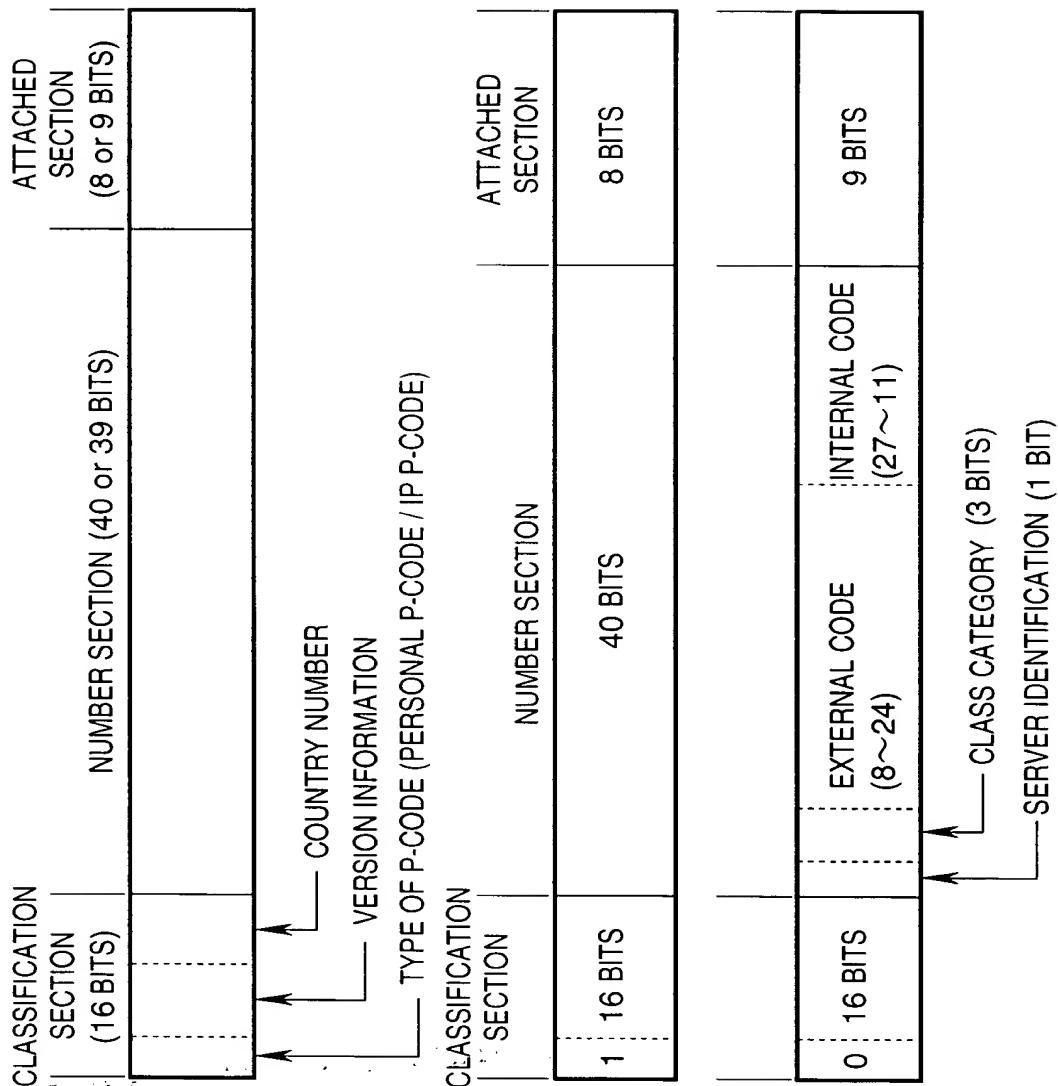
TERMINAL INFORMATION TABLE	
TERMINAL ID	OWNER ID REGION INFORMATION TYPE OF TERMINAL REGION INFORMATION
	VERSION OF TERMINAL VERSION OF TERMINAL SOFTWARE TERMINAL INPUT DEVICE INFORMATION CAPACITY OF TERMINAL STORAGE DEVICE TERMINAL OUTPUT DEVICE INFORMATION LANGUAGE PRINTING ABILITY
	PAPER SIZE DOUBLE SIDE / ONE SIDE COLOR / MONOCHROME PRINTING SPEED FONT
	PRINTING SPOOL STATE INFORMATION OF REMAINING CAPACITY OF STORAGE DEVICE P-CODE CACHE STATE
	TERMINAL STATE INFORMATION

FIG. 16



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FIG. 17



Bit	CONTENTS OF P-CODE							
1	0 : INFORMATION P-CODE (BIT REPRESENTING WHETHER P-CODE IS TELEPHONE CODE)				1 : PERSONAL USER P-Code			
2	VERSION BITS (7 BITS)				VERSION BITS (7 BITS)			
9	COUNTRY NUMBER IDENTIFICATION BITS (8 BITS) (NORMALLY NOT INPUT BY USER)				COUNTRY NUMBER IDENTIFICATION BITS (8 BITS) (NORMALLY NOT INPUT BY USER)			
17	CanDI SERVER IDENTIFICATION BIT (= 1 : CanDI SERVER)				TELEPHONE NUMBER (INTEGER HAVING 12 DIGITS AT MAXIMUM)			
18	IP SCALE IDENTIFICATION BITS (3 BITS) (=1: MINIMAL SCALE, = 2 : SMALL SCALE, = 3 : MEDIUM SCALE, = 4 : LARGE SCALE, = 5 : MAXIMAL SCALE)				(40 BITS)			
21	SITE IDENTIFICATION BITS (24 BITS) (FOR IP IN MINIMAL SCALE), NUMBER OF REGISTER- ABLE IPS IS 16,000,000	SITE IDENTIFICATION BITS (20 BITS) (FOR IP IN SMALL SCALE), NUMBER OF REGISTER- ABLE IPS IS 1,048,575	SITE IDENTIFICATION BITS (16 BITS) (FOR IP IN MEDIUM SCALE), NUMBER OF REGISTER- ABLE IPS IS 65,535	SITE IDENTIFICATION BITS (12 BITS) (FOR IP IN LARGE SCALE), NUMBER OF REGISTER- ABLE IPS IS 2,047	SITE IDENTIFICATION BITS (8 BITS) (FOR IP IN MAXIMAL SCALE AND CanDI SERVER), THE MAXIMUM NUMBER OF REGISTER- ABLE IPS IS 256			
29	INDIVIDUAL INFORMATION ID BITS (27 BITS), EACH IP CAN REGISTER UP TO ABOUT 130,000,000 PIECES OF INFORMATION	INDIVIDUAL INFORMATION ID BITS (23 BITS), EACH IP CAN REGISTER UP TO ABOUT 130,000,000 PIECES OF INFORMATION	INDIVIDUAL INFORMATION ID BITS (19 BITS), EACH IP CAN REGISTER UP TO ABOUT 8,000,000 PIECES OF INFORMATION	INDIVIDUAL INFORMATION ID BITS (15 BITS), EACH IP CAN REGISTER UP TO ABOUT 500,000 PIECES OF INFORMATION	INDIVIDUAL INFORMATION ID BITS (11 BITS), EACH IP CAN REGISTER UP TO ABOUT 32,767 PIECES OF INFORMATION			
32								
33								
36								
37	INDIVIDUAL INFORMATION ID BITS (27 BITS), EACH IP CAN REGISTER UP TO ABOUT 130,000,000 PIECES OF INFORMATION	INDIVIDUAL INFORMATION ID BITS (23 BITS), EACH IP CAN REGISTER UP TO ABOUT 130,000,000 PIECES OF INFORMATION	INDIVIDUAL INFORMATION ID BITS (19 BITS), EACH IP CAN REGISTER UP TO ABOUT 8,000,000 PIECES OF INFORMATION	INDIVIDUAL INFORMATION ID BITS (15 BITS), EACH IP CAN REGISTER UP TO ABOUT 500,000 PIECES OF INFORMATION	INDIVIDUAL INFORMATION ID BITS (11 BITS), EACH IP CAN REGISTER UP TO ABOUT 32,767 PIECES OF INFORMATION			
40								
41								
44								
56	SURFIX (9 BITS), 512 PIECES AT MAXIMUM				TYPE OF SURFIX (3 BITS), 7 TYPES AT MAXIMUM			
57								
58								
59								
60								
61								
62								
63								
64					SURFIX (5 BITS), 31 PIECES AT MAXIMUM			

FIG. 19

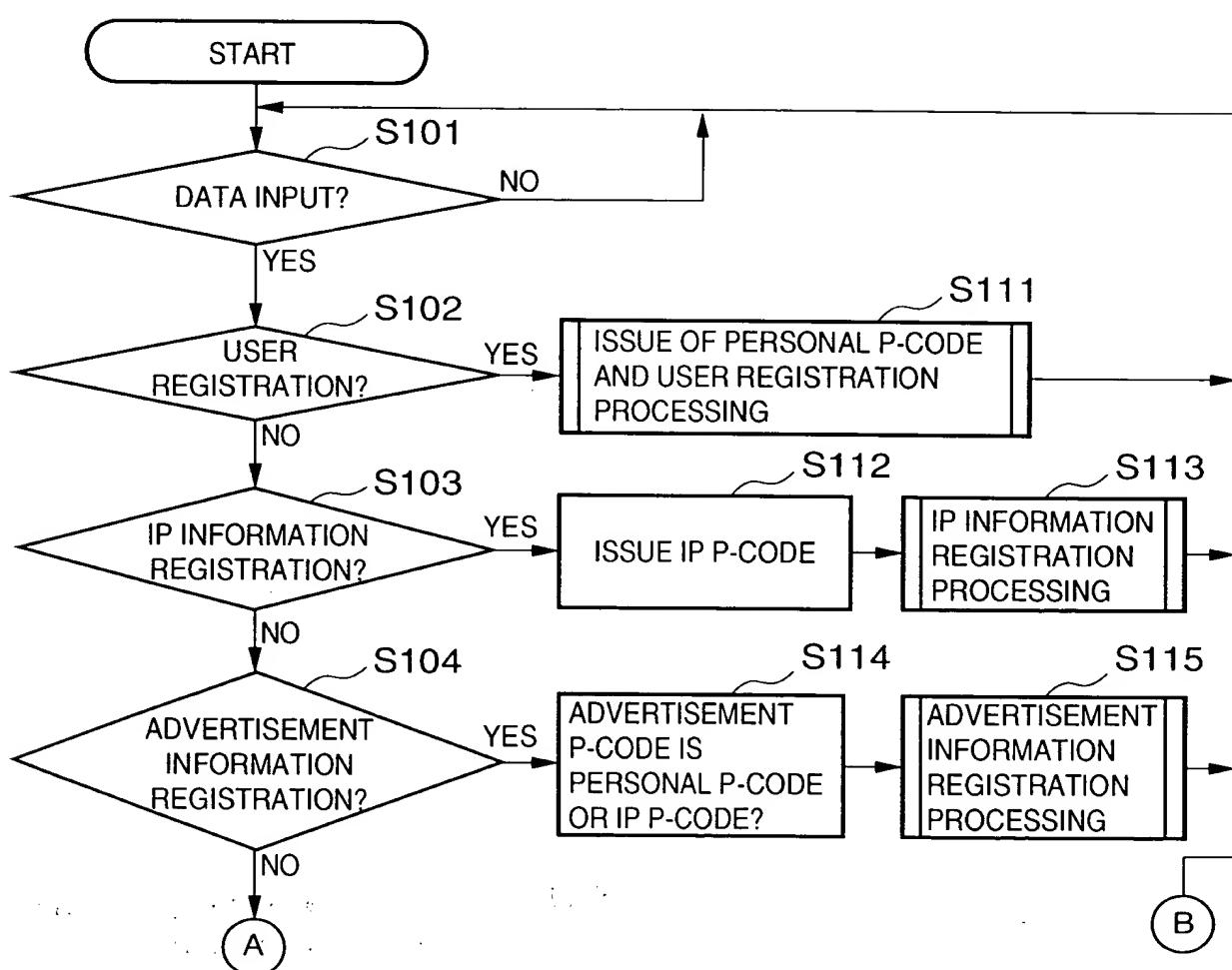


FIG. 20

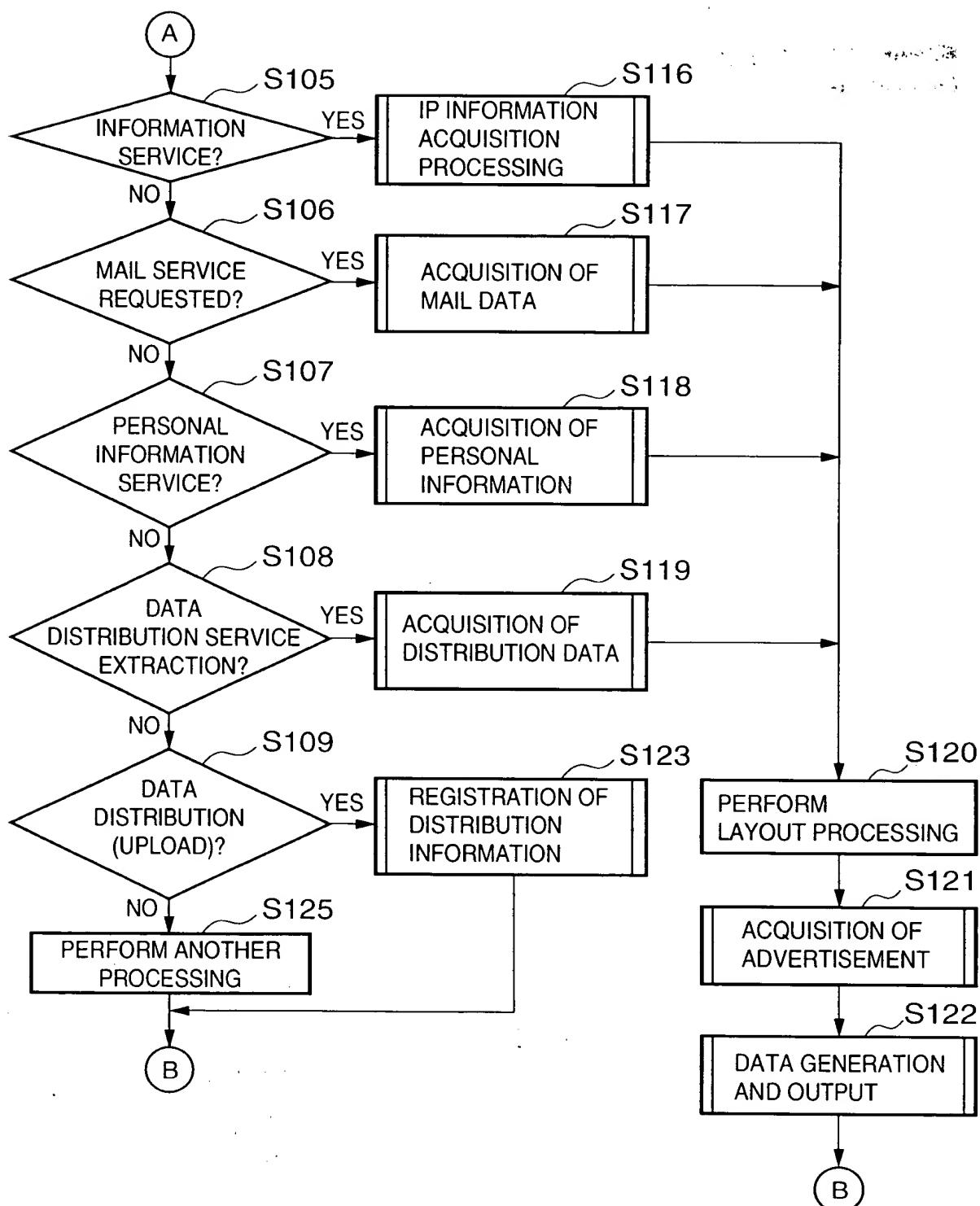
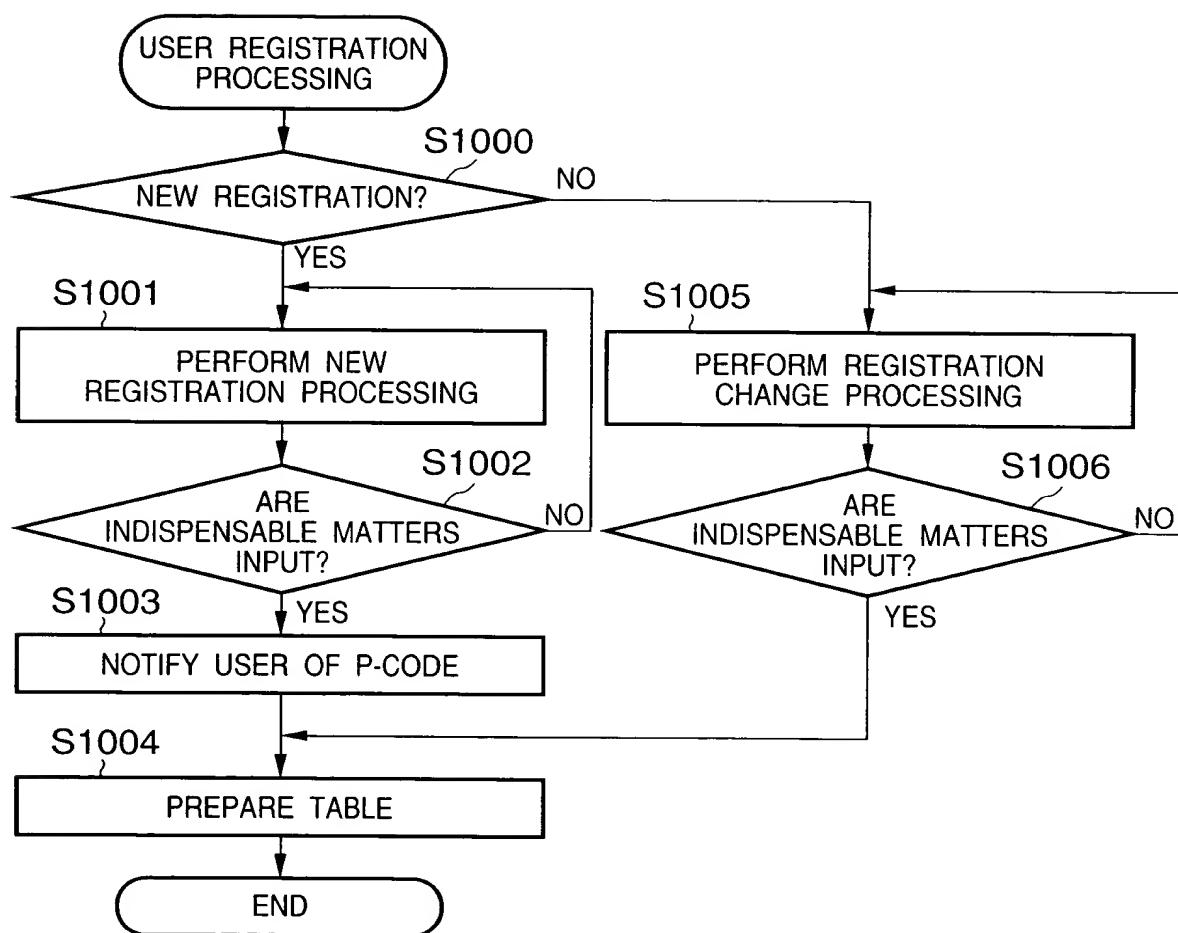


FIG. 21



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F I G. 22

USER ID : NEW REGISTRATION

1000	NAME / ADDRESS (N)	1010	PASSWORD (P)
1020	PLACE OF EMPLOYMENT (A)	1030	CREDIT CARD (C)
1040	SERVICE (S)	1050	PERSONAL INFORMATION (U)
1060	PERSONAL INFORMATION 2 (D)	1070	DESIRED INFORMATION (T)
1080	PRINTING PAPER (Q)	1090	FAVORITE INFORMATION REGISTRATION (R)

OK CANCEL

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FIG. 23

<input type="checkbox"/>					
PHONETIC TRANSCRIPTION (K) :	KOSUGI	TARO			
NAME (N) :	KOSUGI	TARO			
HOME					
POSTAL CODE (Z) :	211	-	0000		
ADDRESS (A) :	10-2, 5-CHOME, KAWASAKI-SHI, TOKYO				
TELEPHONE NUMBER (T) :	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
FAX NUMBER (F) :	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
PORTABLE TELEPHONE NUMBER (C) :	090	-	0289	-	2345
E-MAIL ADDRESS (E) :	kosugi@canon				
			<input type="button" value="OK"/>	<input type="button" value="CANCEL"/>	

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FIG. 24

USER ID : NEW REGISTRATION MEMBER

PASSWORD (P) :

PASSWORD
(FOR CONFIRMATION) (Q) :

F I G. 25

PLACE OF EMPLOYMENT

NAME OF COMPANY (C) :	CANON INC.		
BUSINESS CATEGORY (K) :	MANUFACTURING <input checked="" type="checkbox"/>	OTHERS <input type="checkbox"/>	
NAME OF DEPARTMENT / SECTION (D) :	MA PROJECT		
POST (&P) :	SECTION MANAGER	JOB (B) : TECHNICAL EMPLOYEE	
POSTAL CODE (Z) :	211	-	0000
ADDRESS (A) :	1-2-5, YAMASHITA-CHO, CHUO-KU, KAWASAKI-SHI		
TELEPHONE NUMBER (T) :	044	-	
FAX NUMBER (F) :		-	

OK CANCEL

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FIG. 26

□ CREDIT CARD INFORMATION

CARD COMPANY

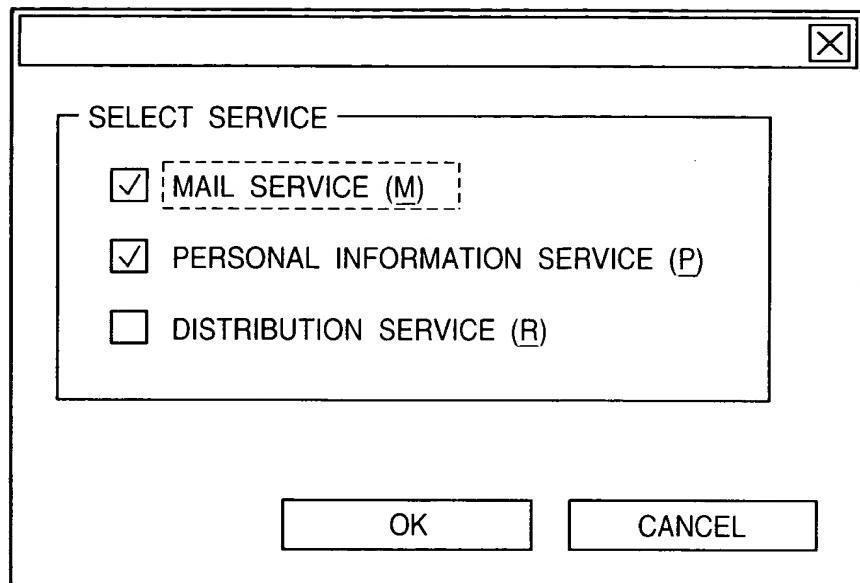
VISA (V) MasterCard (M) AmericanExpress (A)
 JCB (J) DC (D)

CARD NUMBER (N) : - - -

VALID DATES (P) : /

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FIG. 27



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FIG. 28

FIG. 28

DATE OF BIRTH (B) :	99/04/01	BLOOD TYPE (L) :	A
SEX (S) :	<input checked="" type="radio"/> MALE	<input type="radio"/> FEMALE	
FINAL SCHOOL CARRIER (G) :	UNIVERSITY/GRADUATE SCHOOL		
OCCUPATION (O) :	TECHNICAL EMPLOYEE	<input type="radio"/>	OTHERS»
MARRIED/SINGLE (M) :	<input checked="" type="radio"/> SINGLE	<input type="radio"/> MARRIED	NUMBER OF FAMILY MEMBERS (A) :
INCOME (I) :	¥ 3,000,000 TO	¥ 5,000,000	AMOUNT OF SAVING (F) :
<input type="radio"/> ¥ 1,000,000 OR LESS			
OK		CANCEL	

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FIG. 29

HOUSE (P) DETACHED HOUSE APARTMENT HOUSE RENTAL HOUSE
 COMPANY HOUSE / DORMITORY HOUSE OWNED BY RELATIVE

CAR etc. (C) PRIVATE CAR PISTON DISPLACEMENT MODEL

MOTOR-CYCLE PISTON DISPLACEMENT MODEL

PET (P) PET TYPE

DESIRED PET TYPE

HOBBY (H) MUSIC LISTENING FAVORITE GENRE

MOVIEGOING FAVORITE GENRE

SPECTATOR SPORTS FAVORITE GENRE

SPORTS FAVORITE GENRE

FISHING FAVORITE PLACE

FIG. 30

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KEYWORD SEARCH

SEARCH

OK CANCEL

DESIRED INFORMATION

Category	Sub-Category	Item	Status
ECONOMY	MARKET	DOMESTIC MARKET OUTLOOK	<input checked="" type="checkbox"/>
		DOMESTIC MARKET OUTLOOK	<input type="checkbox"/>
DOMESTIC	MERCHANDISE	STOCK PRICE	<input type="checkbox"/>
		STOCK PRICE OUTLOOK	<input checked="" type="checkbox"/>
DOMESTIC	INTERNATIONAL	FIRST SECTION OF TOKYO STOCK EXCHANGE	<input type="checkbox"/>
		DOW-JONES AVERAGE	<input checked="" type="checkbox"/>
INTERNATIONAL	EXCHANGE	SPECIALLY DESIGNATED STOCK	<input type="checkbox"/>
		SECOND SECTION OF TOKYO STOCK EXCHANGE	<input checked="" type="checkbox"/>
EXCHANGE	ENTERTAINMENT	EACH MARKET	<input checked="" type="checkbox"/>
		SPORTS	<input type="checkbox"/>

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FIG. 31

Dotting instructions

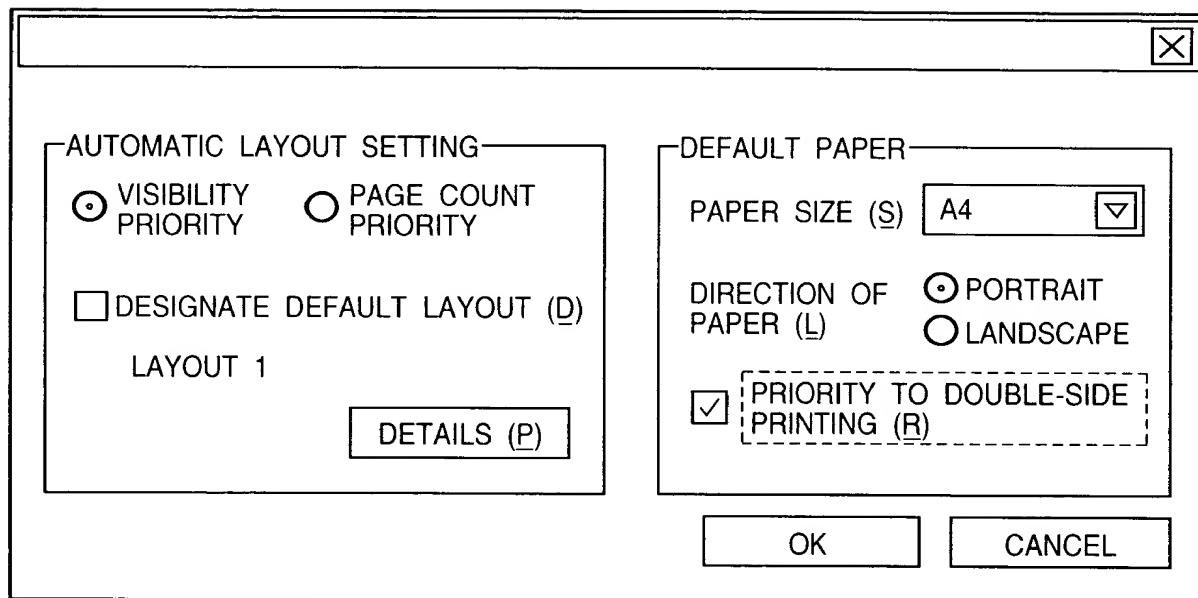


FIG. 32

Operating Instructions

USER ID : 09001234567			
1000'	NAME / ADDRESS (N)	1010'	PASSWORD (P)
1020'	PLACE OF EMPLOYMENT (A)	1030'	CREDIT CARD (C)
1040'	SERVICE (S)	1050'	PERSONAL INFORMATION (U)
1060'	PERSONAL INFORMATION 2 (D)	1070'	DESIRED INFORMATION (I)
1080'	PRINTING PAPER (Q)	1090'	FAVORITE INFORMATION REGISTRATION (R)
		OK	CANCEL

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FIG. 33

USER ID : 09082937251

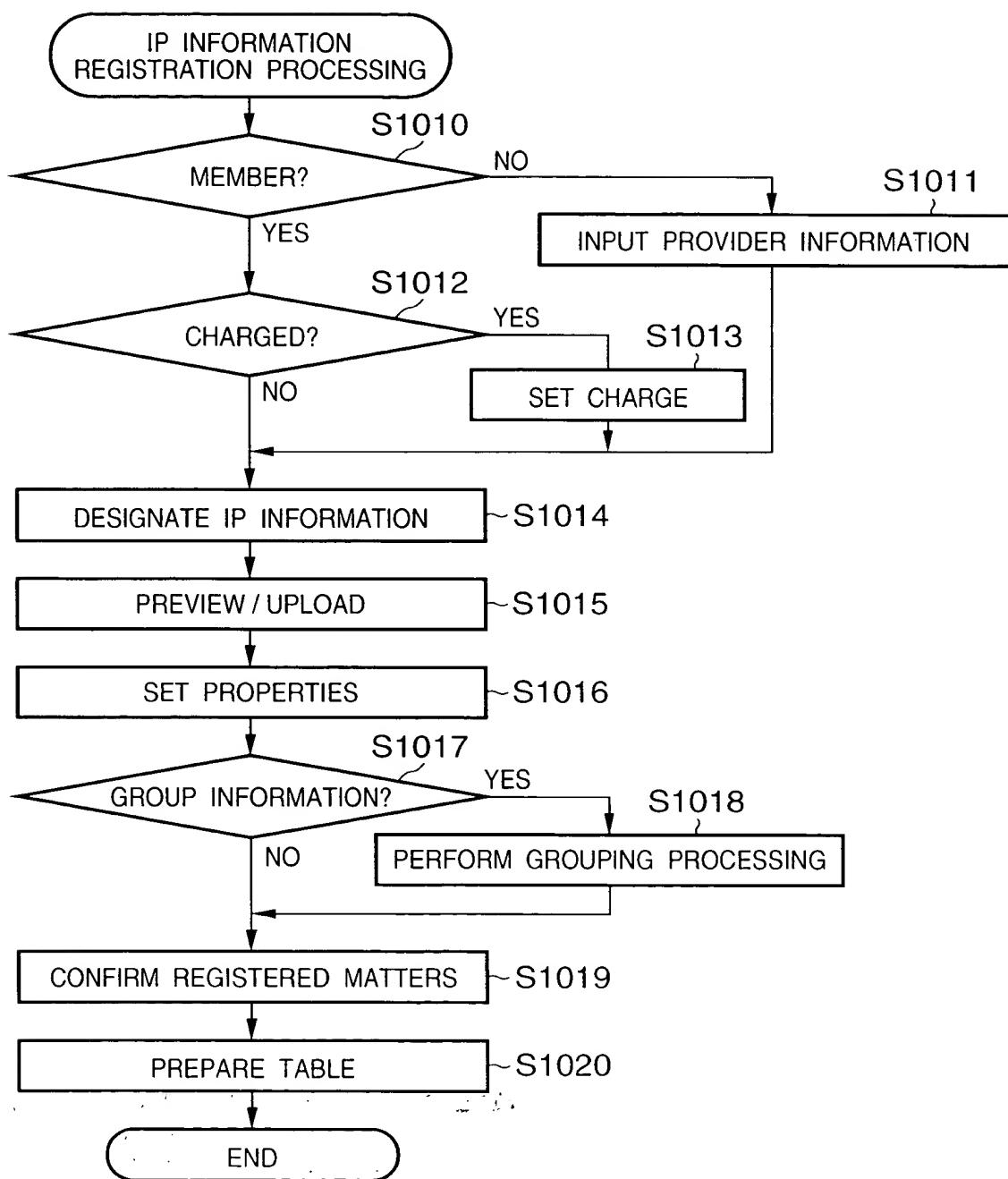
CURRENT PASSWORD (C) : * * * *

PASSWORD (P) : * * * *

PASSWORD (FOR CONFIRMATION) (Q) : * *

OK CANCEL

FIG. 34



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F I G. 35

ARE YOU A MEMBER?

YES (Y) MEMBERSHIP NUMBER (C) : CAI-00023

NO (N)

NEXT (F) CANCEL (C)

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FIG. 36

INPUT PASSWORD OF MEMBER ID CA_INF_0023 (P):

NEXT (F) BACK (B) CANCEL
REGISTRATION (C)

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FIG. 37

Getting-into-Service



IT IS NECESSARY FOR A NONMEMBER TO REGISTER ADDRESS WHERE TO MAKE CONTACT BY THE INFORMATION PROVIDER. INPUT NECESSARY MATTERS AND PRESS "NEXT"

POSTAL CODE (Z) : -

ADDRESS (A) :

TELEPHONE
NUMBER (T) : - -

NAME OR NAME OF
COMPANY (N) :

E-MAIL ADDRESS (E) :

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FIG. 38

WE RECOMMENDED YOU TO BE A MEMBER.

DO YOU REGISTER FOR MEMBERSHIP?

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FIG. 39

WILL YOU CHARGE FOR THIS INFORMATION?

CHARGE FOR PRINTING (C)

CHARGE (P) PER PRINTING

FIG. 40

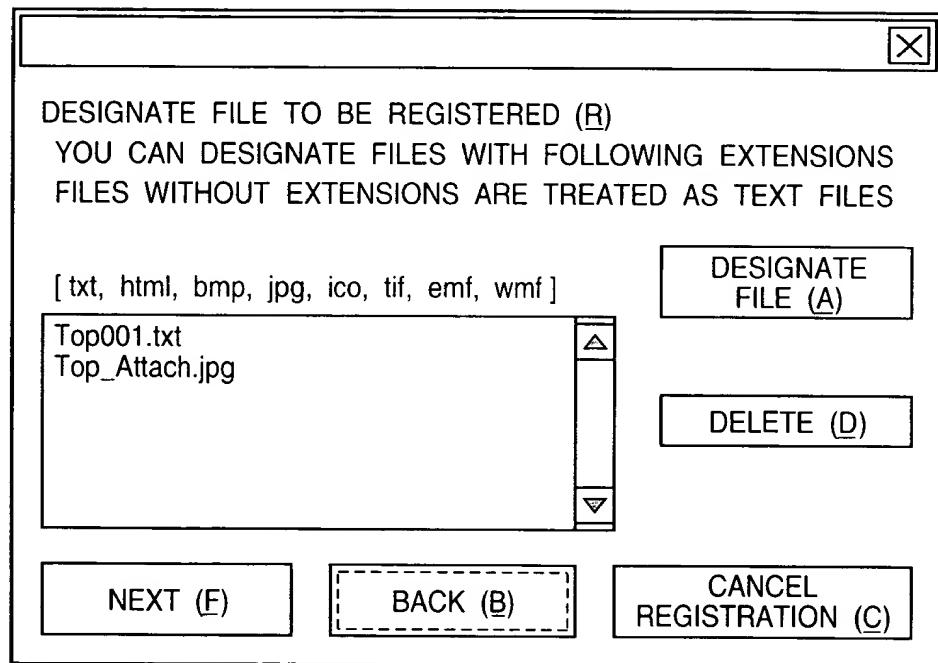
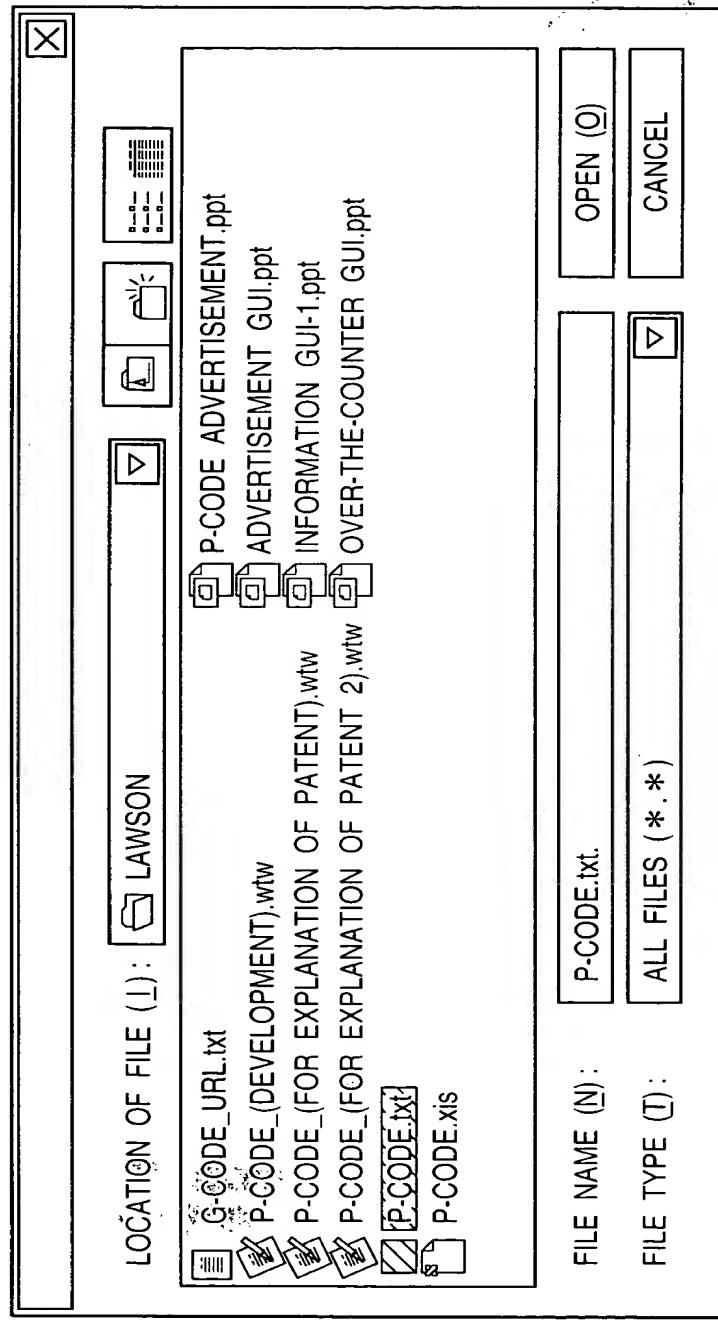
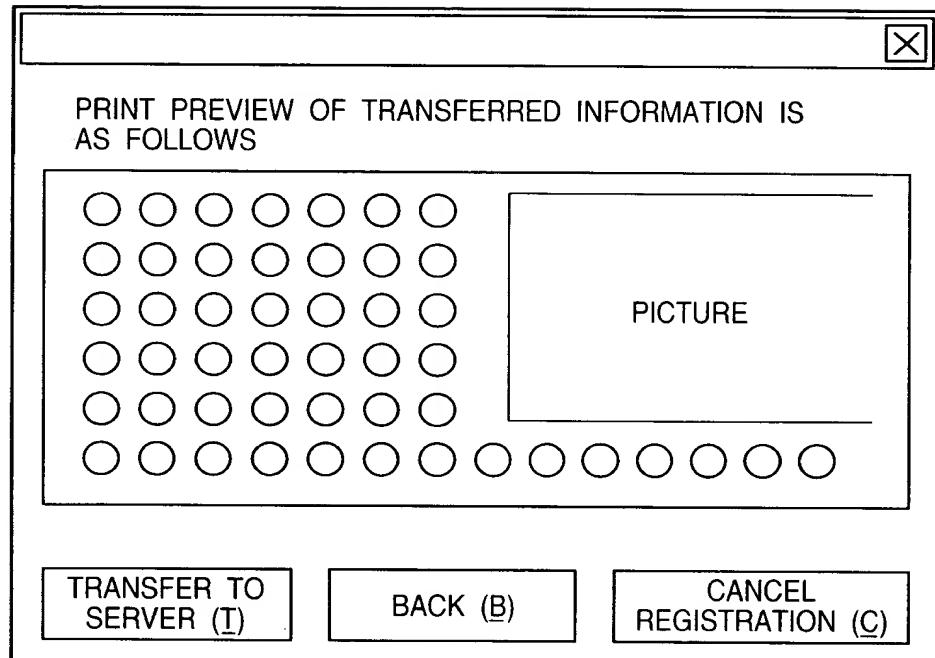


FIG. 41



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FIG. 42



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FIG. 43

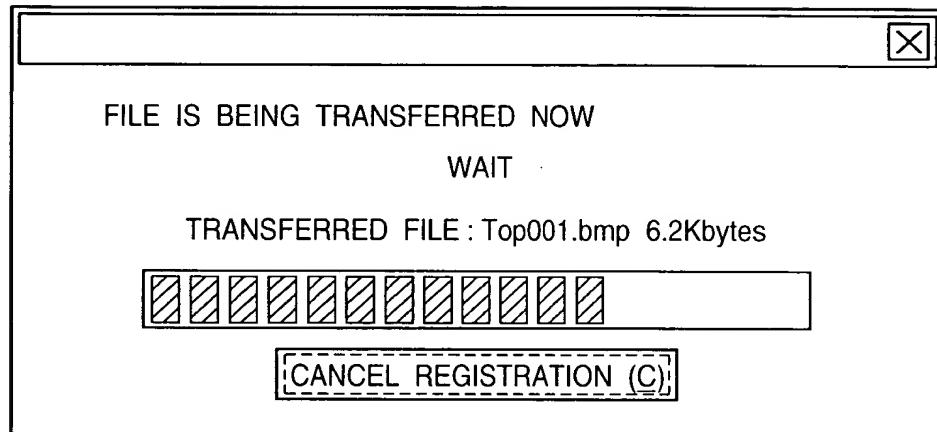


FIG. 44

SET DATE OF START OF INFORMATION INSERTION (S)

APRIL 15, 1999

SET VALID DATES OF INFORMATION

INDEFINITE (I)
 ONE WEEK (W)
 ONE MONTH (M)
 ONE YEAR (Y)
 DESIGNATE DATE (D) APRIL 30, 1999

VALID DATES OF P-CODE IS SET INDEPENDENTLY OF THAT OF INFORMATION (F)

MAY 31, 1999

FIG. 45

SIZE OF INFORMATION TO BE REGISTERED IS AS FOLLOWS

TEXT	142 CHARACTERS
PRINTING IMAGE	4×6cm
OVERALL REGION OF INFORMATION	12×6cm

WILL YOU FIX INFORMATION SIZE IN LAYOUT?

FIX (D)
 ALLOW CHANGE (A)

FONT SIZE IS FROM Pt TO Pt

MAGNIFICATION OF
PRINTING IMAGE IS FROM % TO %

NEXT (E) **BACK (B)** **CANCEL
REGISTRATION (C)**

FIG. 46

WILL YOU PERMIT ADVERTISEMENT INSERTION
INTO THE PAGE?

YES (Y)
 PERMIT FOR LOWER SURFACE (R)
 NO (N)

NEXT (F) **BACK (B)** **CANCEL
REGISTRATION (C)**

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FIG. 47

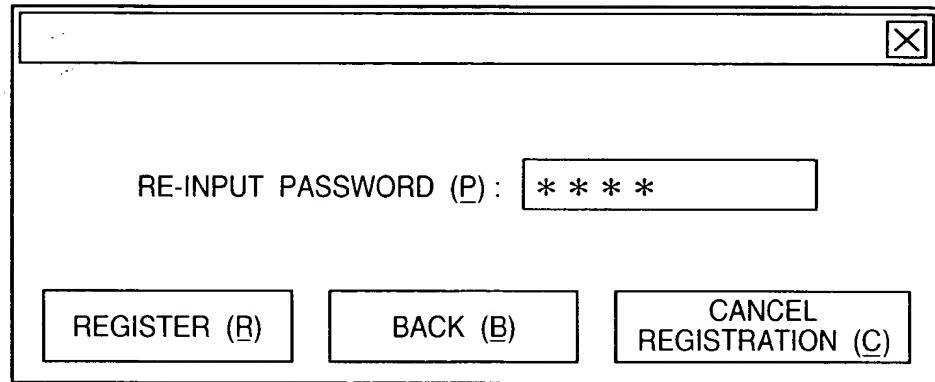
WILL YOU SET PASSWORD FOR ACCESS TO INFORMATION?

SET PASSWORD (S)

PASSWORD (P):

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FIG. 48



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FIG. 49

SELECT GENRE OF INFORMATION TO BE REGISTERED (J)

SPORTS

SELECT SUBGENRE OF INFORMATION TO BE REGISTERED (S)

BASKETBALL

SET KEYWORD WHEN LINKED TO ADVERTISEMENT (K)

NBA

GAME RESULTS
 PERSONAL RECORDS

NEGATIVE LINK TO ADVERTISEMENT (N)

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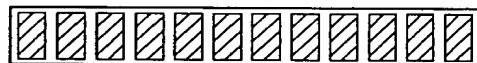
FILE IS BEING TRANSFERRED NOW

TRANSFERRED FILE : Bargain_sale.txt 282bytes

FILE IS BEING TRANSFERRED NOW

WAIT

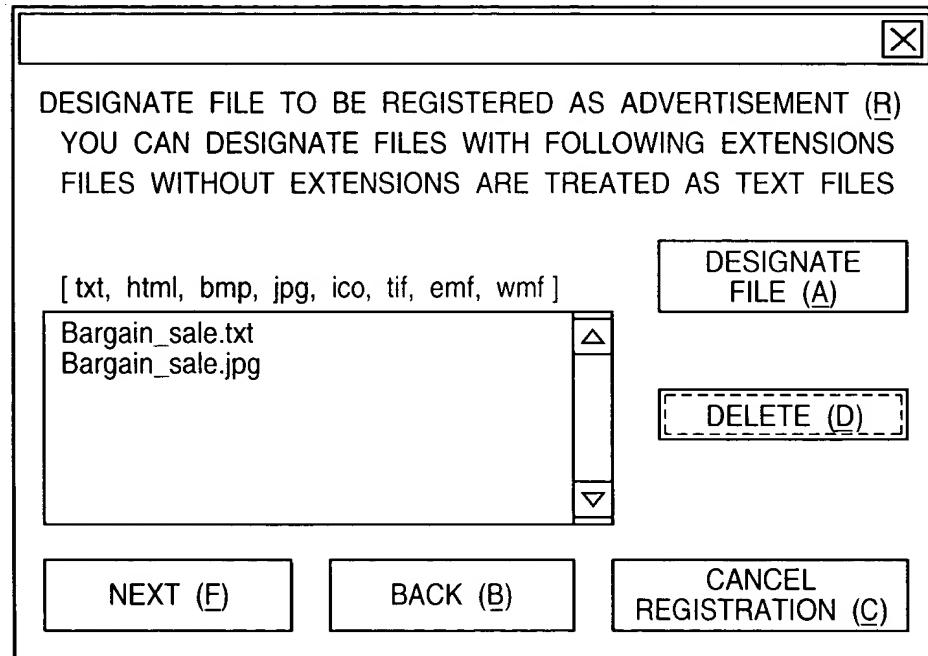
TRANSFERRED FILE : Bargain_sale.txt 282bytes



CANCEL REGISTRATION (C)

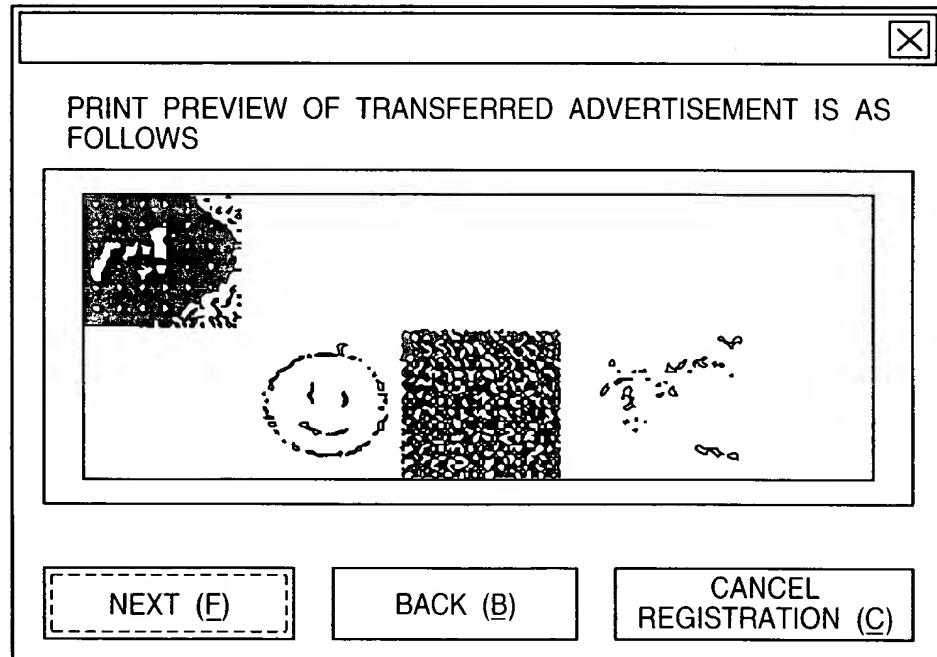
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FIG. 58



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FIG. 59



F I G. 50

SELECT GENRE OF INFORMATION TO BE REGISTERED (J)

SELECT (S)	SPORTS	▼
SET (H)	SPORTS	△
	TRAVEL	□ (S)
	NEWS/WEATHER FORECAST	▼
	FINANCE	△
	HOME MEDICINE	□
	SOCIETY INFORMATION	▼
	INFORMATION OF ADMINISTRATIVE AGENCIES	△
	PRIZE COMPETITION	□
	GAME RESULTS	▼
	PERSONAL RECORDS	△
		DELETE (D)

NEGATIVE LINK TO ADVERTISEMENT (N)

NEXT (F) **BACK (B)** **CANCEL
REGISTRATION (C)**

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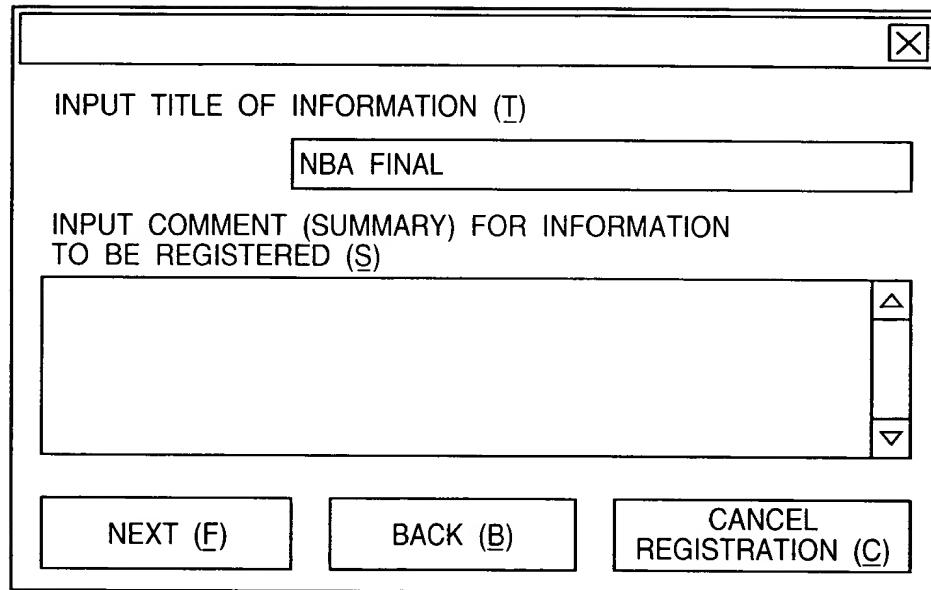
FIG. 51

INPUT TITLE OF INFORMATION (I)

NBA FINAL

INPUT COMMENT (SUMMARY) FOR INFORMATION
TO BE REGISTERED (S)

NEXT (F) BACK (B) CANCEL
REGISTRATION (C)



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FIG. 55

ADVERTISEMENT WILL BE REGISTERED

ARE YOU AN ADVERTISEMENT REGISTRATION MEMBER?

YES (Y) MEMBERSHIP NUMBER (C) :

NO (N)

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FIG. 56

INPUT PASSWORD OF ADVERTISEMENT
REGISTRATION
MEMBER ID CA_INF_0023 (P)

NEXT (F) **BACK (B)** **CANCEL
REGISTRATION (C)**

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FIG. 57

IT IS NECESSARY FOR AN ADVERTISEMENT REGISTRATION NONMEMBER TO REGISTER ADDRESS WHERE TO MAKE CONTACT BY THE ADVERTISEMENT PROVIDER. INPUT NECESSARY MATTERS AND PRESS "NEXT"

POSTAL CODE (Z) : -

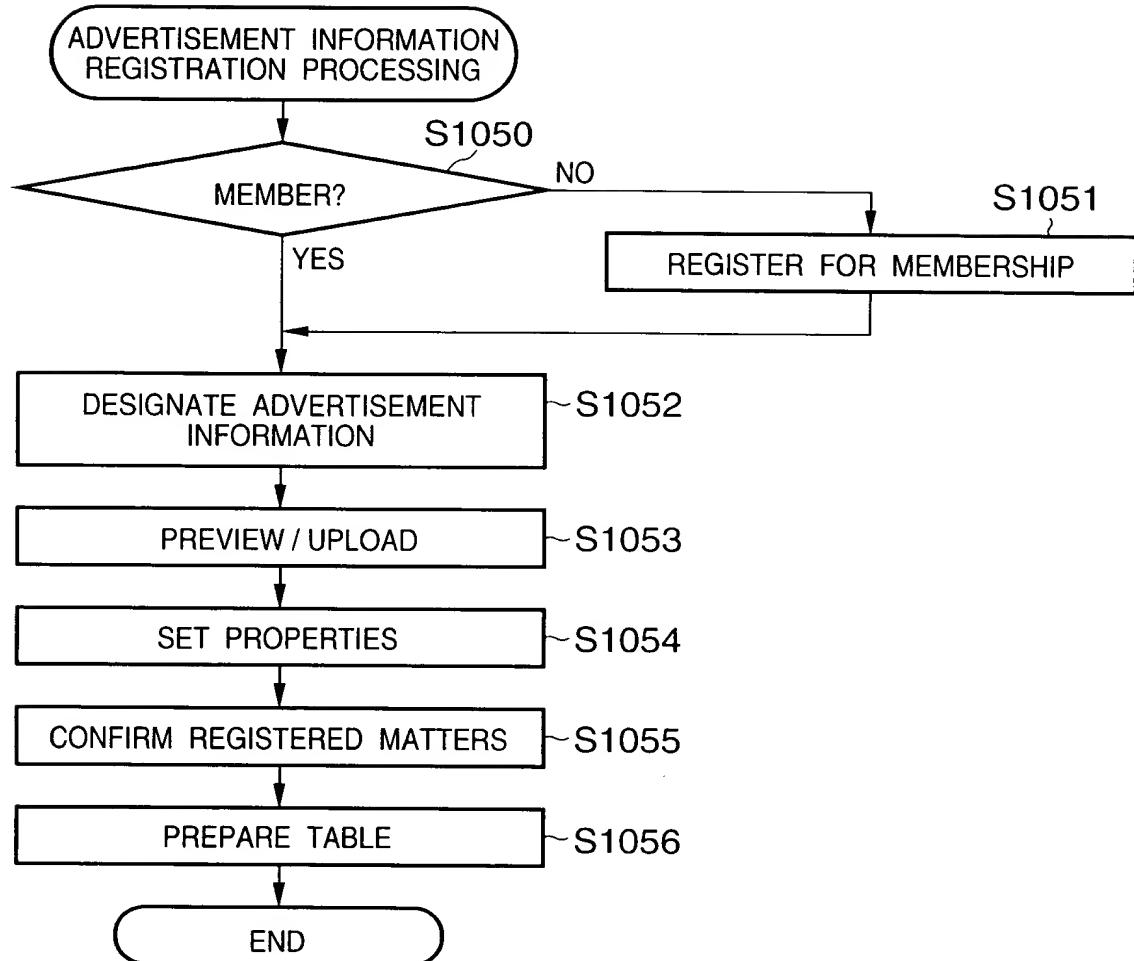
ADDRESS (A) :

TELEPHONE NUMBER (T) : - -

NAME OR NAME OF COMPANY (N) :

E-MAIL ADDRESS (E) :

F I G. 54



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FIG. 52A

□ X

P-CODE TO BE REGISTERED (P)

xxxx xxxx xxxx REGISTERED P-CODE LIST (L)

CREATE NEW GROUP (N)

ADD REGISTERED P-CODE TO EXISTING GROUP (A)

P-CODE OF GROUP TO WHICH P-CODE IS TO BE ADDED (G)

3091-2425-8769 REGISTERED GROUP LIST (I)

OK CANCEL

FIG. 52B

INPUT TITLE OF NEW GROUP (I)

GAMES OF YESTERDAY

INPUT CONTENTS OF GROUP (S)

GAME RESULTS OF YESTERDAY AND BRIEF COMMENT
AND STANDINGS

SET INFORMATION UPDATE SCHEDULE (M)

NEXT DAY OF GAME

OK CANCEL

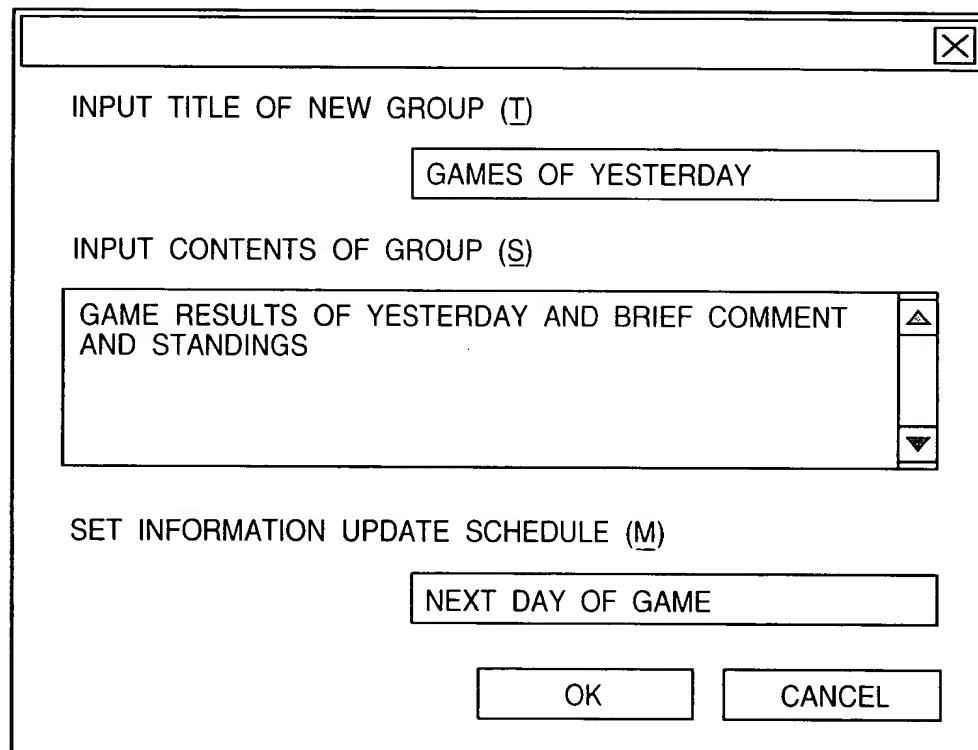
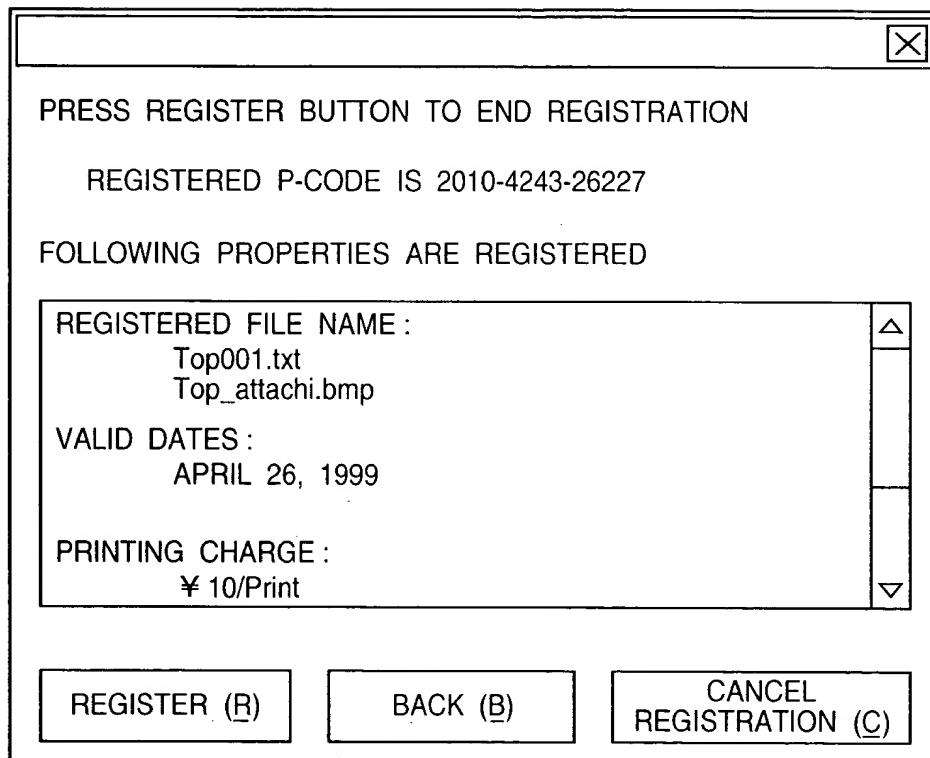


FIG. 53



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FIG. 61

SET DATE OF START OF ADVERTISEMENT INSERTION (S)

MARCH 29, 1999

SET VALID DATES OF ADVERTISEMENT TO BE REGISTERED

INDEFINITE (I)
 ONE WEEK (W)
 ONE MONTH (M)
 ONE YEAR (Y)
 DESIGNATE DATE (D) APRIL 10, 1999

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FIG. 62

SELECT LINK METHOD INFORMATION IN WHICH ADVERTISEMENT IS TO BE INSERTED

REGION AGE GROUP SEX SET KEYWORD DESIGNATE INFORMATION

FIG. 63

YOU CAN DO FOLLOWING DESIGNATION TO LIMIT REGION

LIMIT IN UNITS OF METROPOLIS AND DISTRICTS
OR CITIES, TOWNS, AND VILLAGES (P)

DESIGNATE SHOP TO PRINT (S)

DESIGNATE ADDRESS AND RANGE THEREFROM (R)

DESIGNATE RANGE ON MAP (M)

F I G. 64

ADVERTISEMENT SIZE CALCULATED FROM
TRANSFERRED FILE IS AS FOLLOWS

TEXT	142 CHARACTERS
PRINTING IMAGE	4×6cm
OVERALL REGION OF ADVERTISEMENT	12×6cm

SELECT PRINTING SIZE OF ADVERTISEMENT TO BE
REGISTERED (S)

L SIZE 6cm×12cm	▼	<input type="radio"/> PORTRAIT (P)
		<input checked="" type="radio"/> LANDSCAPE (L)

ADJUSTMENT OF ADVERTISEMENT SIZE

<input checked="" type="radio"/> ENLARGE / REDUCE REGISTERED DATA TO FIT ADVERTISEMENT TO PRINTING SIZE (A)
<input type="radio"/> PRINT ADVERTISEMENT AT THE CENTER WITHOUT ANY CHANGE IN SIZE OF REGISTERED DATA (R)

NEXT (F)	BACK (B)	CANCEL REGISTRATION (C)
----------	----------	----------------------------

F I G. 65

ADVERTISEMENT SIZE CALCULATED FROM
TRANSFERRED FILE IS AS FOLLOWS

TEXT	142 CHARACTERS
PRINTING IMAGE	4×6cm
OVERALL REGION OF ADVERTISEMENT 12×6cm	
SELECT PRINTING SIZE OF ADVERTISEMENT TO BE REGISTERED (S)	

L SIZE (6cm×12cm)

B5 SIZE

B6 SIZE

L SIZE (6cm×12cm)

M SIZE (4cm×8cm)

S SIZE (2cm×5cm)

POSTCARD SIZE

T SIZE

STERED DATA TO FIT

ADVERTISEMENT TO PRINTING SIZE (A)

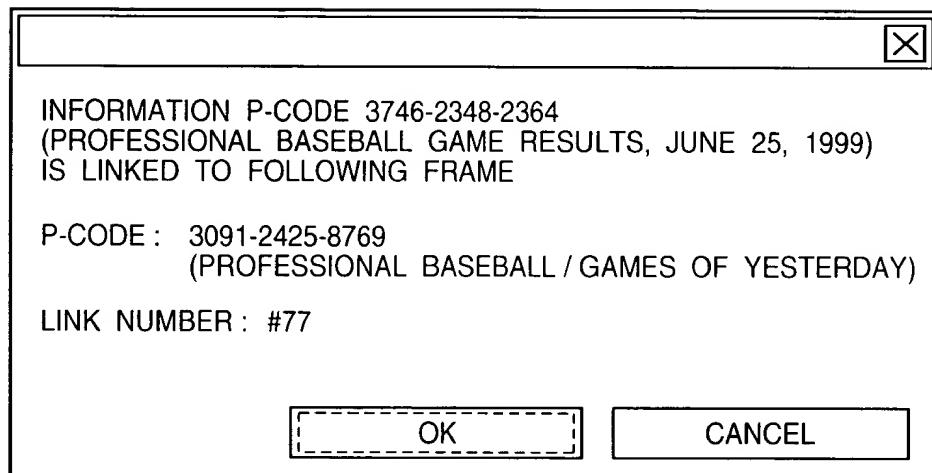
PRINT ADVERTISEMENT AT THE CENTER WITHOUT
ANY CHANGE IN SIZE OF REGISTERED DATA (R)

NEXT (E)

BACK (B)

CANCEL
REGISTRATION (C)

FIG. 52C



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F I G. 66

□ X

LIMITATION ON ADVERTISEMENT INSERTION POSITION

SINGLE ADVERTISEMENT (U)

ALWAYS TO BE PRINTED AS TOP ADVERTISEMENT (T)

MAY BE PRINTED ON LOWER SURFACE (R)

NEXT (F) **BACK (B)** **CANCEL
REGISTRATION (C)**

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FIG. 67

CHARGE FOR REGISTERED ADVERTISEMENT PER INSERTION
IS 20 YEN. ADVERTISEMENT IS CHARGED FOR IN
CORRESPONDENCE WITH NUMBER OF PRINTED PAGES

SET UPPER LIMIT OF ADVERTISEMENT CHARGE:

DESIGNATE MAXIMUM NUMBER OF TIMES OF PRINTING (V)

DESIGNATE UPPER LIMIT OF ADVERTISEMENT
CHARGE (P)

MAXIMUM (M) : TIMES

F I G. 68

PRESS REGISTER BUTTON TO END REGISTRATION

FOLLOWING PROPERTIES ARE REGISTERED

REGISTERED FILE NAME :
Bargain_sale.txt
Bargain_sale.jpg

VALID DATES :
FROM MARCH 29, 1999 TO APRIL 10, 1999

LINK RULE TO INFORMATION

REGION
DESIGNATE CITIES, TOWNS, AND VILLAGES,
KITA-KU, KAWASAKI-SHI

KEYWORD
EATING AND DRINKING, RESTAURANT,
CHINESE, DISCOUNT, TASTY

REGISTER (R) BACK (B) CANCEL
REGISTRATION (C)

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FIG. 69

DO YOU WANT PRINT OF PARTICULARS OF
REGISTERED ADVERTISEMENT INFORMATION?

(PRINT IS ALSO AVAILABLE FROM INQUIRY OF)
REGISTERED ADVERTISEMENT INFORMATION)

YES (Y) NO (N)

FIG. 70

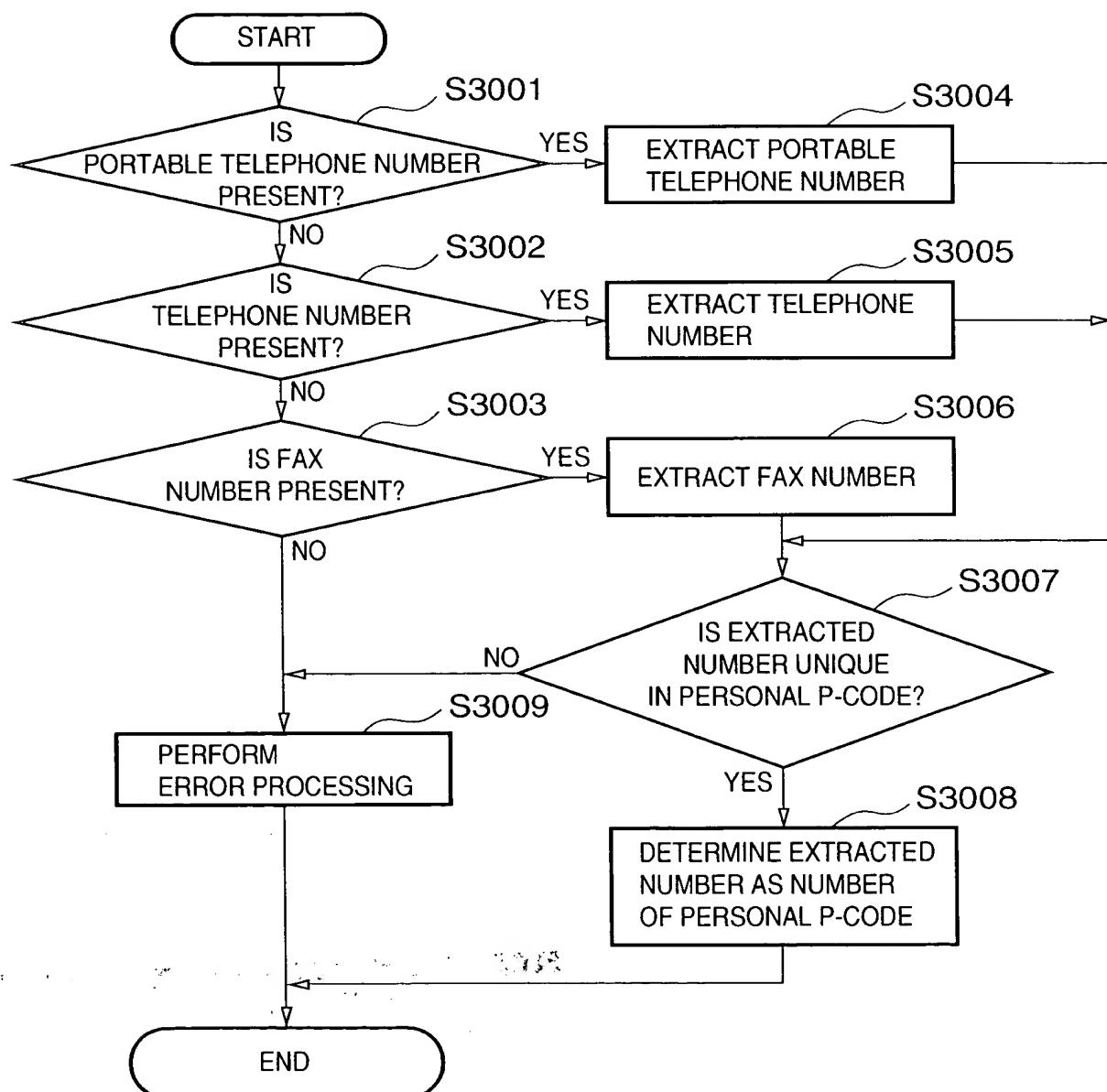
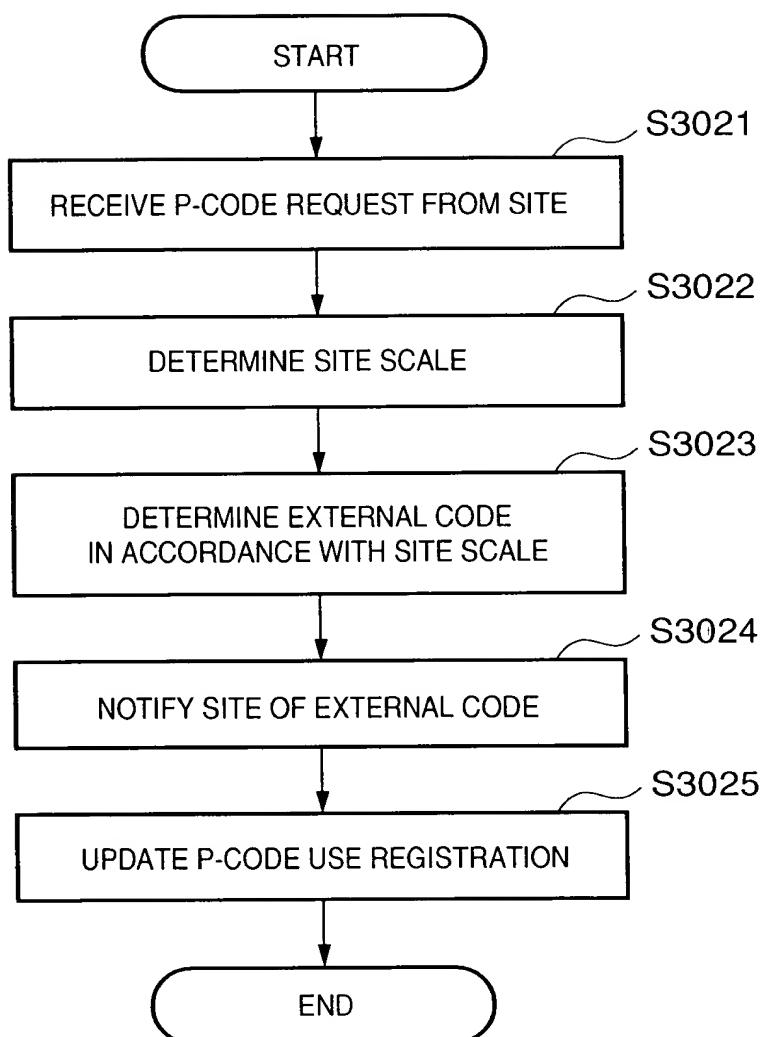


FIG. 71



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FIG. 72

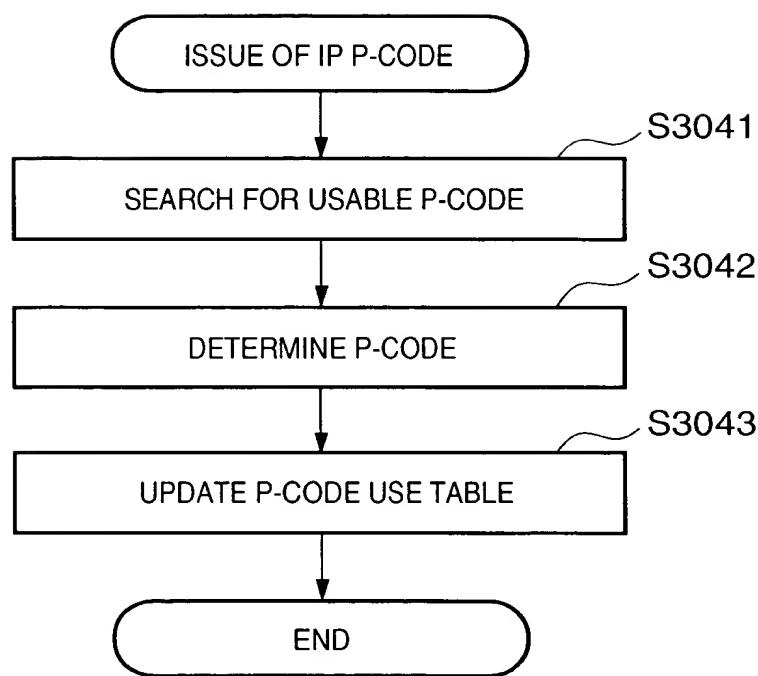
SCALE	EXTERNAL CODE	URL
MINIMAL SCALE		
SMALL SCALE		
MEDIUM SCALE		
LARGE SCALE		
MAXIMUM SCALE		

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FIG. 73

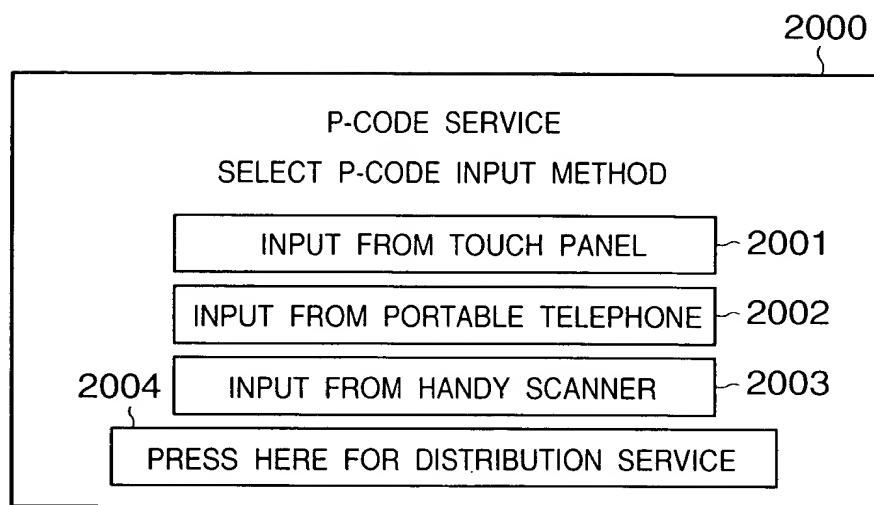
P-CODE (NUMBER SECTION = EXTERNAL CODE + INTERNAL CODE)	VALID DATES OF CODE

FIG. 74



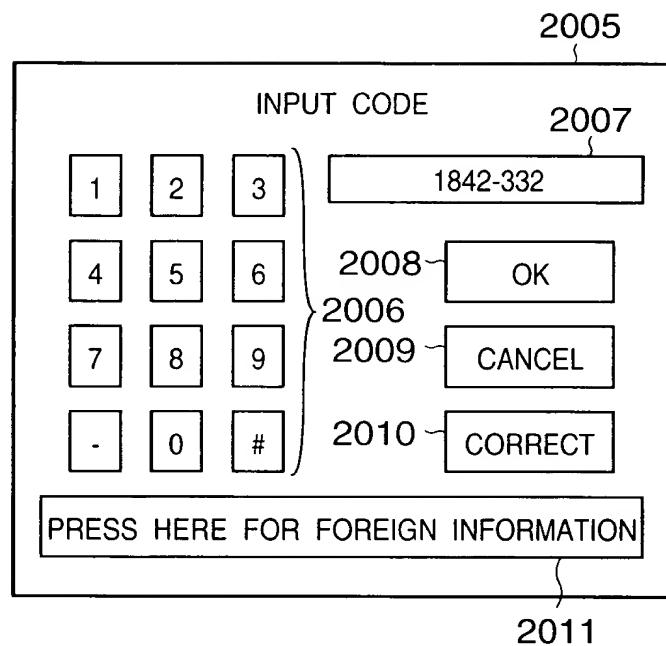
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FIG. 75



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FIG. 76



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FIG. 77

2012

2014

INPUT PASSWORD

1	2	3	*	*	*	*
4	5	6	2015	OK		
7	8	9	2013	CANCEL		
-	0	#	2016	2017	CORRECT	

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FIG. 78

2018

PRESS "OK" WHEN NUMBER INPUT FROM
YOUR DEVICE IS ENDED

OK

2019

CANCEL

2020

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FIG. 79

2021

PRESS "OK" WHEN HANDY SCANNER CODE IS READ

OK

2022

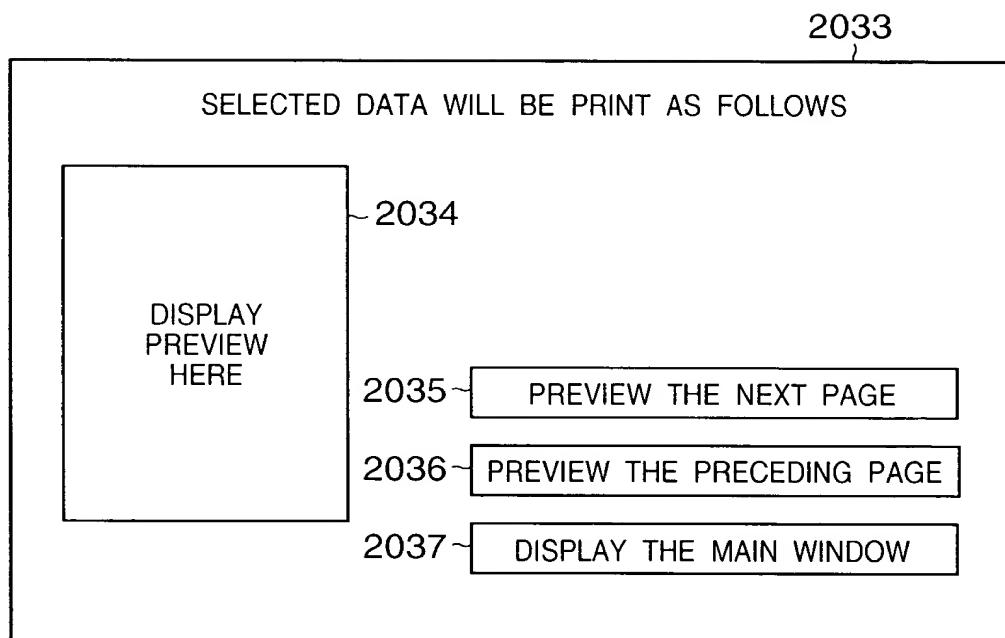
CANCEL

2023

००
८८
८.
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८८

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FIG. 81



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FIG. 82

2038

PRINTING OF ADVERTISEMENT

ADVERTISER BEARS PRINTING CHARGE FOR YOU
WHEN ADVERTISEMENT IS PRINTED

PRINT IN FREE SPACE OF ARTICLE

PRINT ON LOWER SURFACE

PRINT ANOTHER PAGE

YES	NO
YES	NO
YES	NO

2039

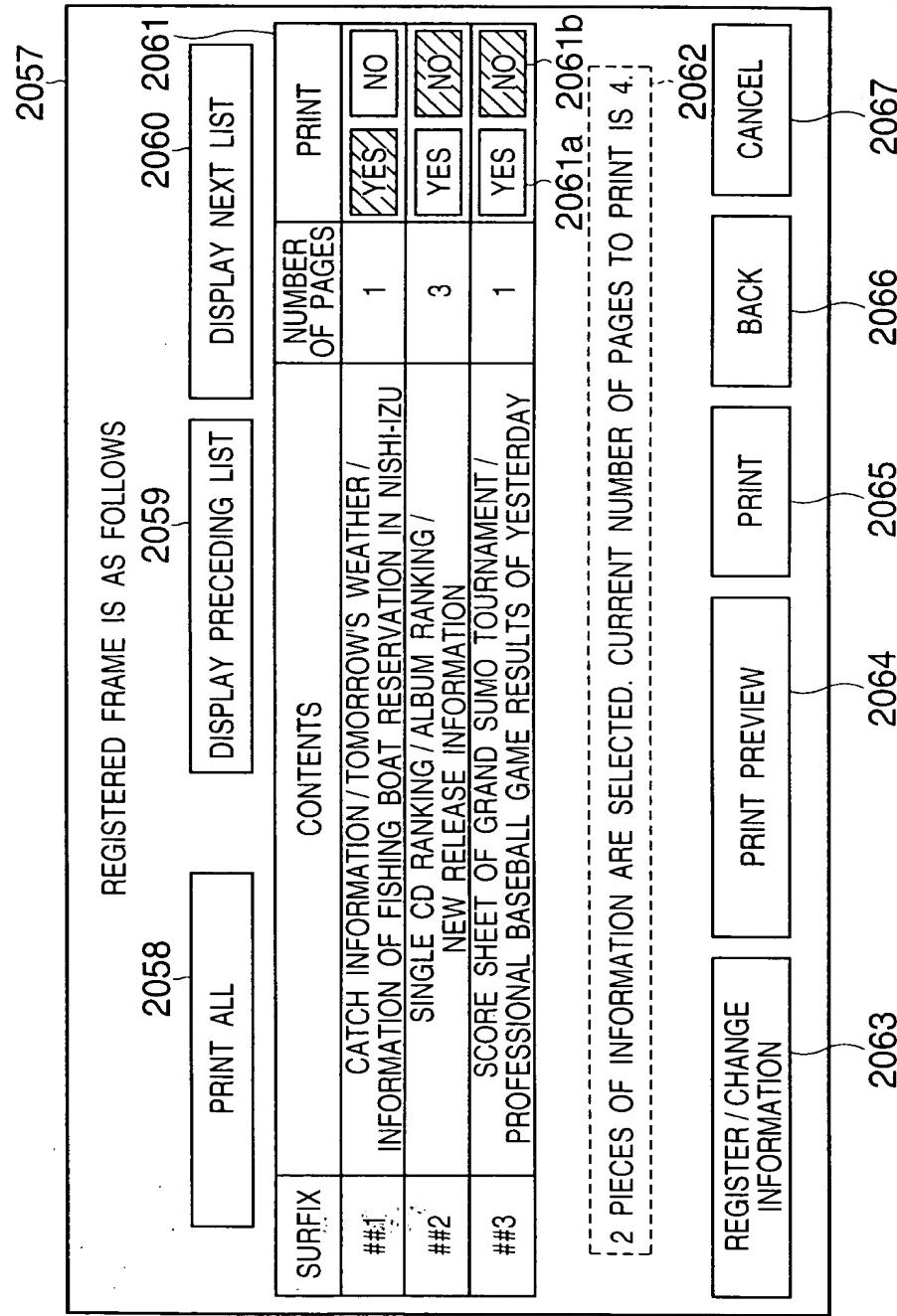
2040

2041

OK

CANCEL

FIG. 85



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FIG. 84

2053

MAIL PRINTING OPTIONS

YOU CAN SELECT FOLLOWING OPTIONS

PRINT MAIL MESSAGES
CONTINUOUSLY ONE SHEET

YES NO

} 2054

DENSELY PRINT WITH
SMALLEST LETTERS

YES NO

2055

OK

2056

CANCEL

FIG. 83

MAIL BOX HAS FOLLOWING MAIL MESSAGE					
	SURFIX	SUBJECT (CONTENTS)	FROM (SENDER)	NUMBER OF PAGES	PRINT
2043		PRINT ALL			<input type="checkbox"/> COLOR <input type="checkbox"/> MONOCHROME <input type="checkbox"/> NO
2044	#1	NEW YEAR PARTY	takaha@cse.canon	1	<input type="checkbox"/> COLOR <input type="checkbox"/> MONOCHROME <input type="checkbox"/> NO
2045	#2	ABOUT SENDING OF DB EXAMINATION CONFERENCE REPORT	itoh@ccsi.dumnet	2	<input type="checkbox"/> COLOR <input type="checkbox"/> MONOCHROME <input type="checkbox"/> NO
2046	#3	Re : DO YOU KNOW?	nishida@ykk.com	1	<input type="checkbox"/> COLOR <input type="checkbox"/> MONOCHROME <input checked="" type="checkbox"/> NO
2047	2 MAIL MESSAGES ARE SELECTED. CURRENT NUMBER OF PAGES TO PRINT IS 3.				
2048	PRINT PREVIEW		<input type="checkbox"/> SET OPTIONS	<input type="checkbox"/> PRINT	<input type="checkbox"/> BACK <input type="checkbox"/> CANCEL
2049					
2050					
2051					
2052					

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FIG. 86

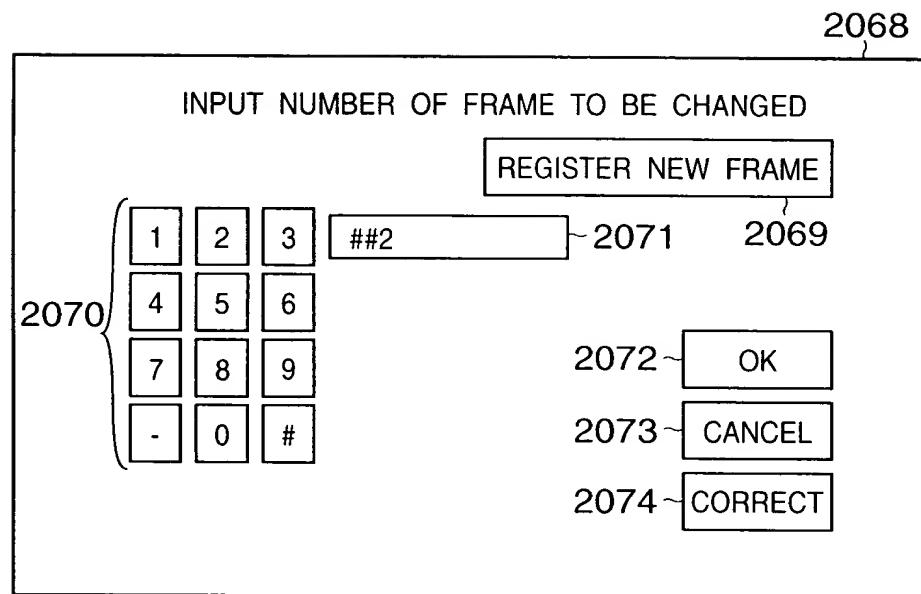


FIG. 87

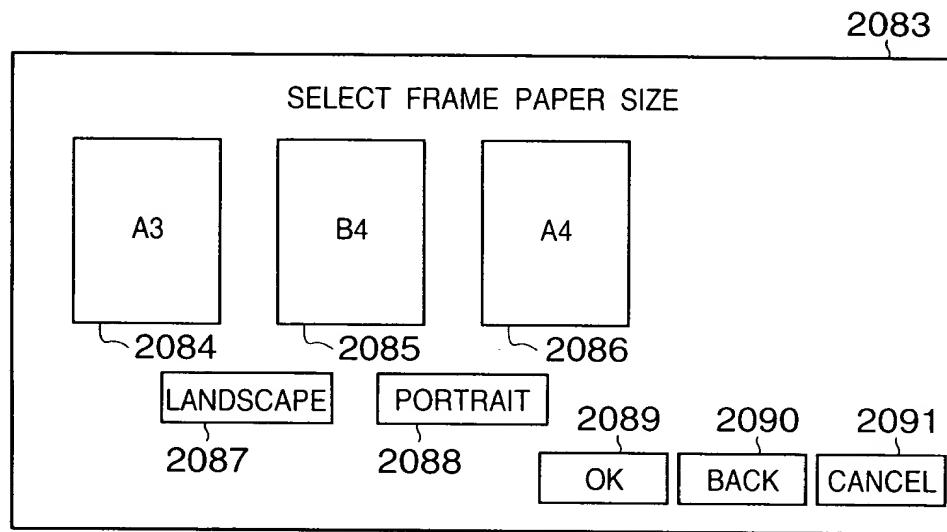
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2075

REGISTERED FRAME ##2 HAS FOLLOWING CONTENTS		2076		2077 2078	
		<input type="button" value="DISPLAY PRECEDING LIST"/>		<input type="button" value="DISPLAY NEXT LIST"/>	
P-CODE	CONTENTS			REGISTER	
6982-9243-2311	SINGLE CD RANKING	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO	
6982-9243-2302	ALBUM RANKING	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO	
6990-0238-3765	NEW RELEASE INFORMATION	<input checked="" type="checkbox"/> YES		<input checked="" type="checkbox"/> NO	
				2078a 2078b	
<input type="button" value="ADD NEW P-CODE"/>		2079			
				2080 2081 2082	
		<input type="button" value="OK"/>		<input type="button" value="BACK"/> <input type="button" value="CANCEL"/>	

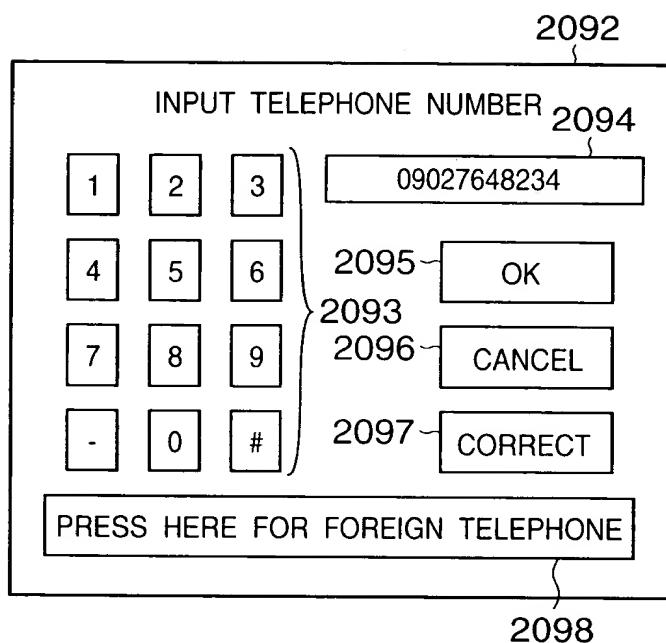
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FIG. 88



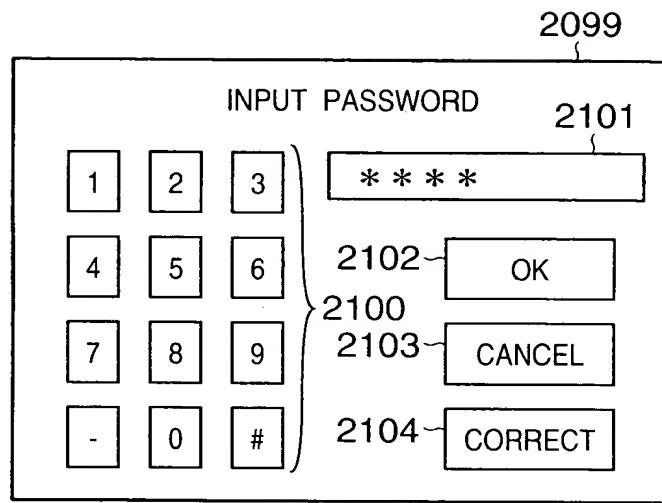
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FIG. 89



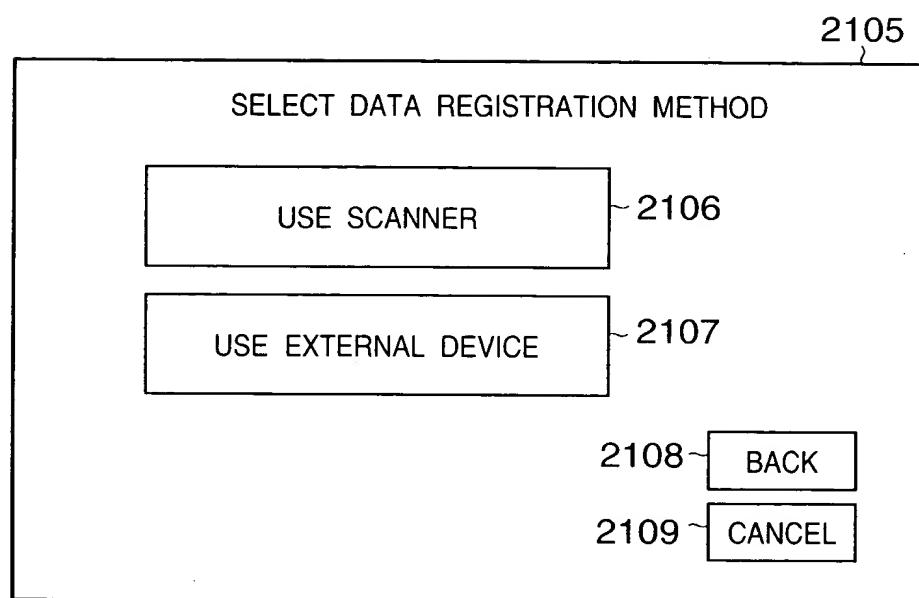
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FIG. 90



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FIG. 91



APP 42 1130 1130 1130
99394/119 1130 1130 1130

FIG. 92

2110

SET ORIGINAL TO UPPER LEFT CORNER OF
SCANNER AND PRESS "OK"

2111 ~

2112 ~

2113 ~

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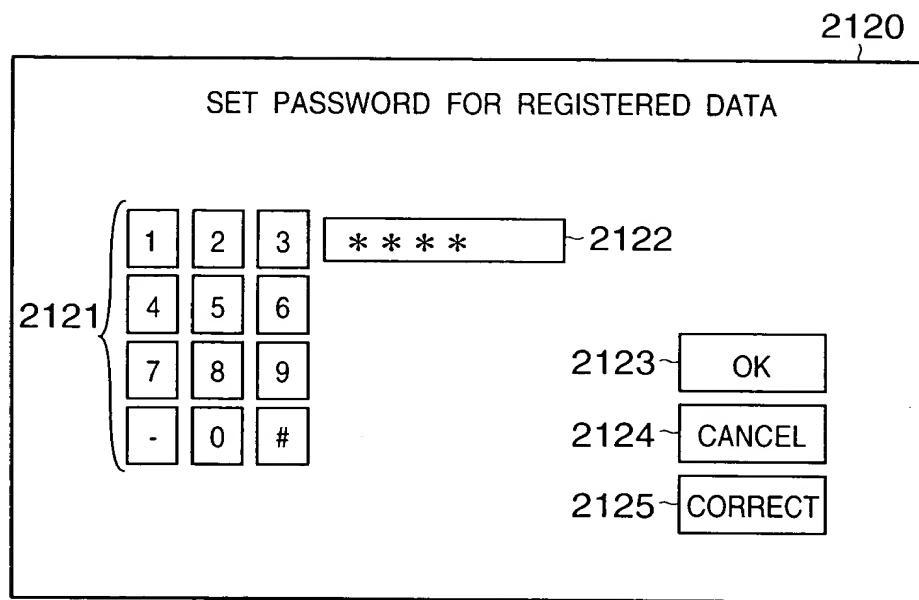
FIG. 93

2114

REGISTERED DATA WILL BE PRINTED AS FOLLOWS	
<p>DISPLAY PREVIEW HERE</p>	2115
	2116~ <input type="button" value="NEXT"/>
	2117~ <input type="button" value="REGISTER ANOTHER DATA"/>
	2118~ <input type="button" value="CANCEL REGISTRATION"/>
	2119~ <input type="button" value="OK"/>

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FIG. 94



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FIG. 95

2126

SET VALID DATES OF REGISTERED DATA	
2127~	UNTIL TOMORROW
2128~	ONE WEEK
2129~	ONE MONTH
2130	BACK
2131~	CANCEL

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DATA RECEIVED
DATA PASSWORD
REGISTERED DATA
VALID DATES

FIG. 96

2132

FOLLOWING DATA IS RECEIVED.
PRESS "OK" TO PRINT PARTICULARS

2133

REGISTERED P-CODE	09027648234-4
DATA PASSWORD	* * * *
REGISTERED DATA	IMAGE 480 KBytes
VALID DATES	ONE WEEK (UNTIL APRIL 10)

2134

2135

2136

OK

CANCEL

F I G. 98A

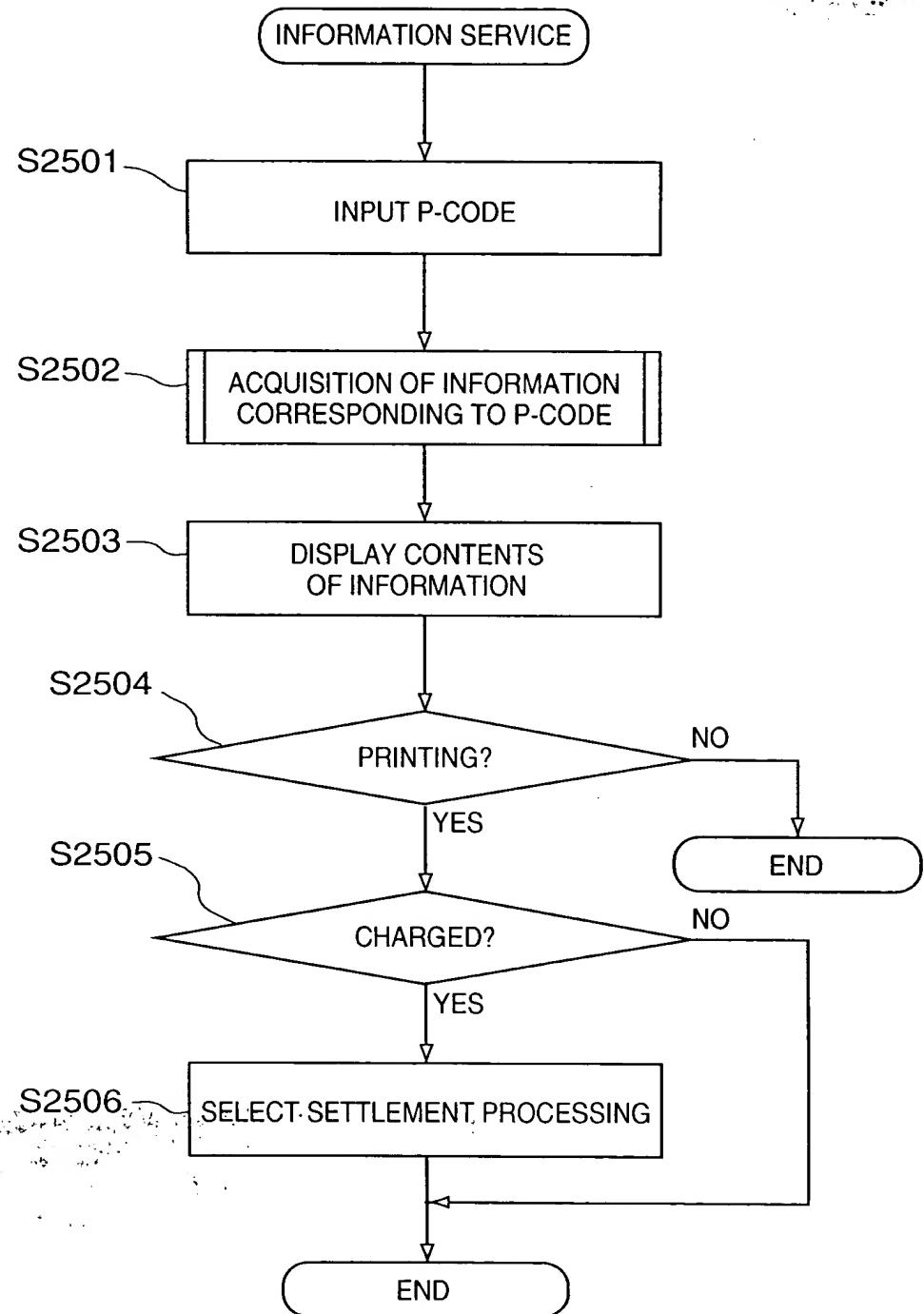
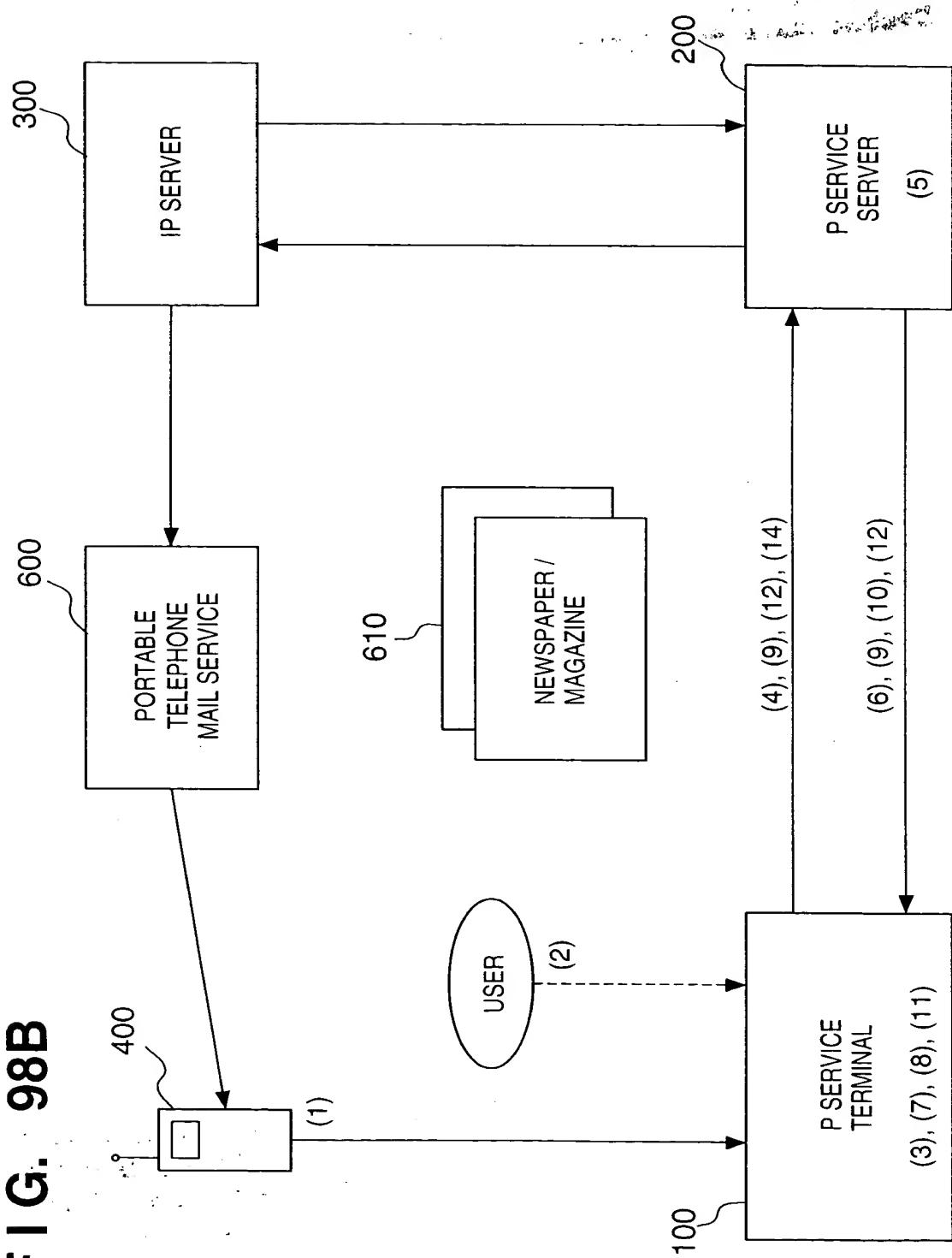
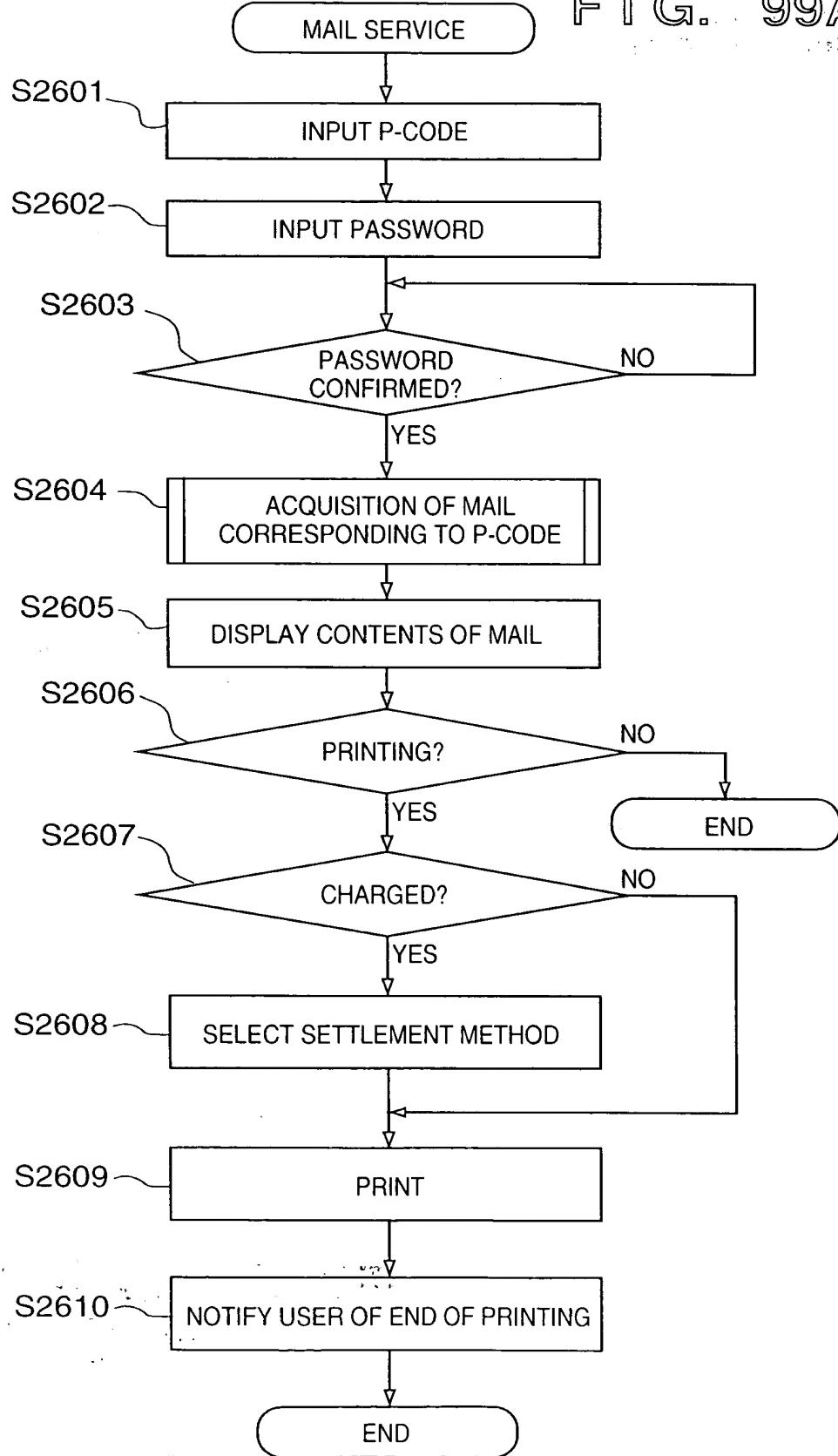


FIG. 98B





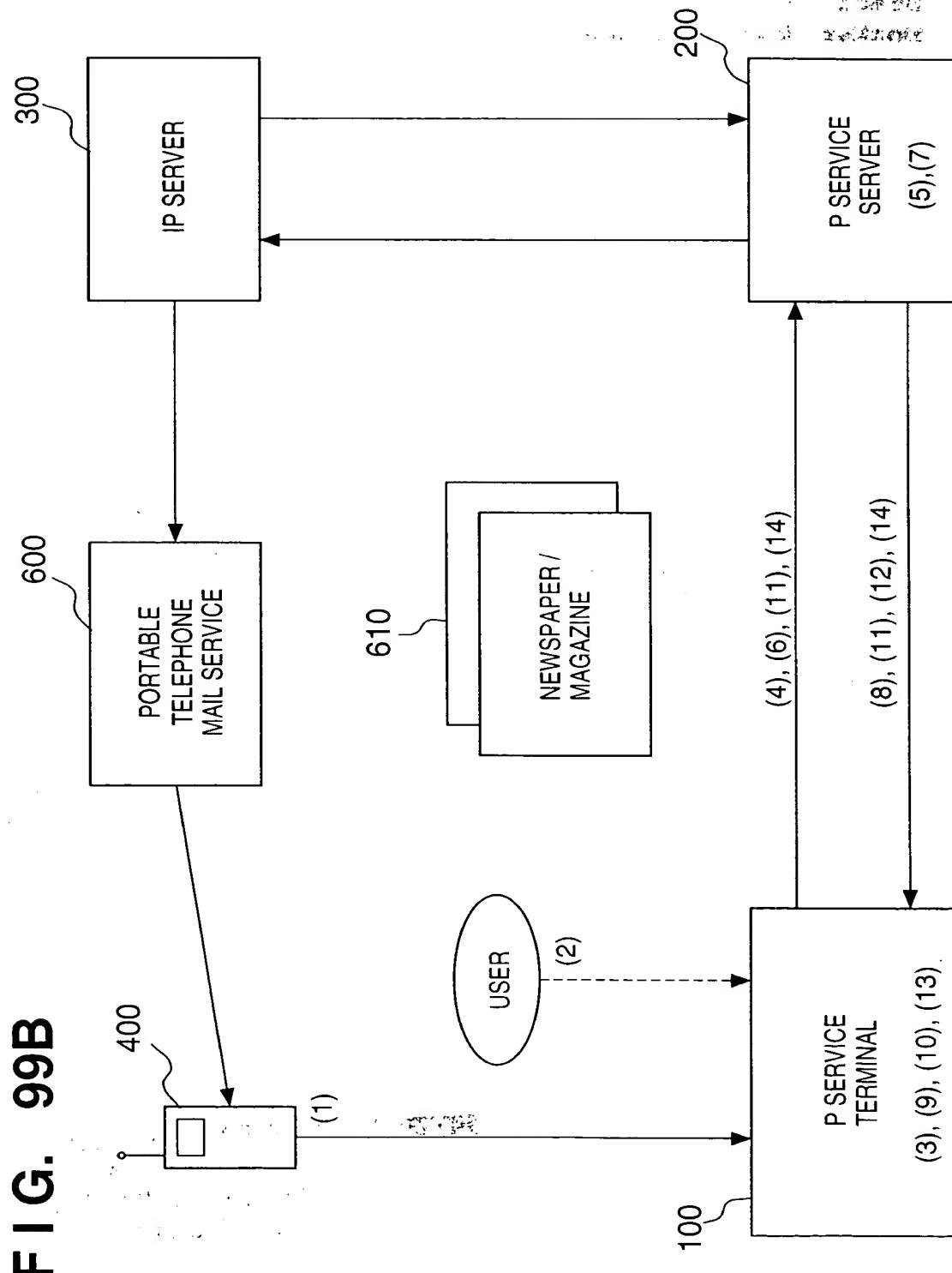


FIG. 100A

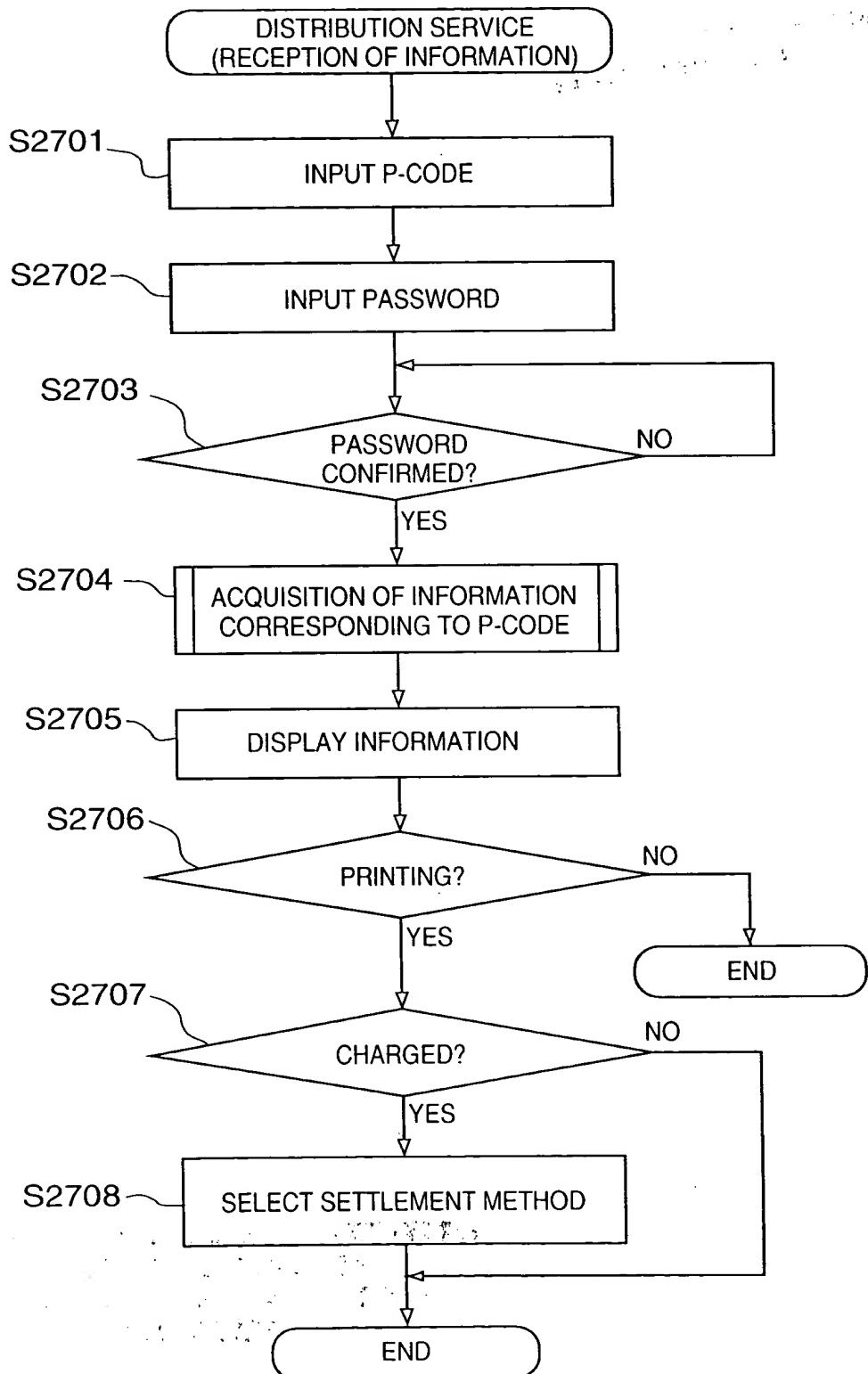


FIG. 101A

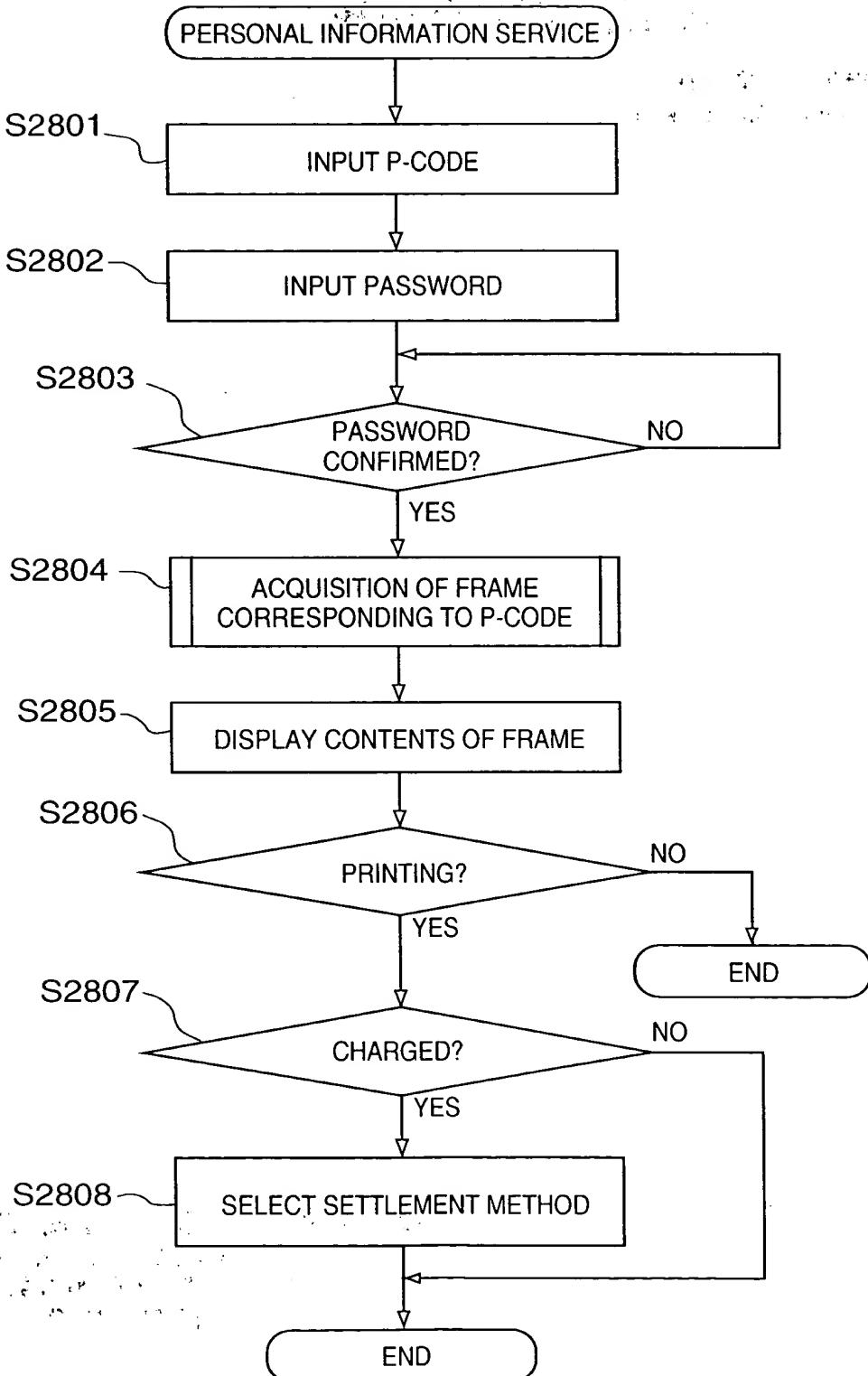
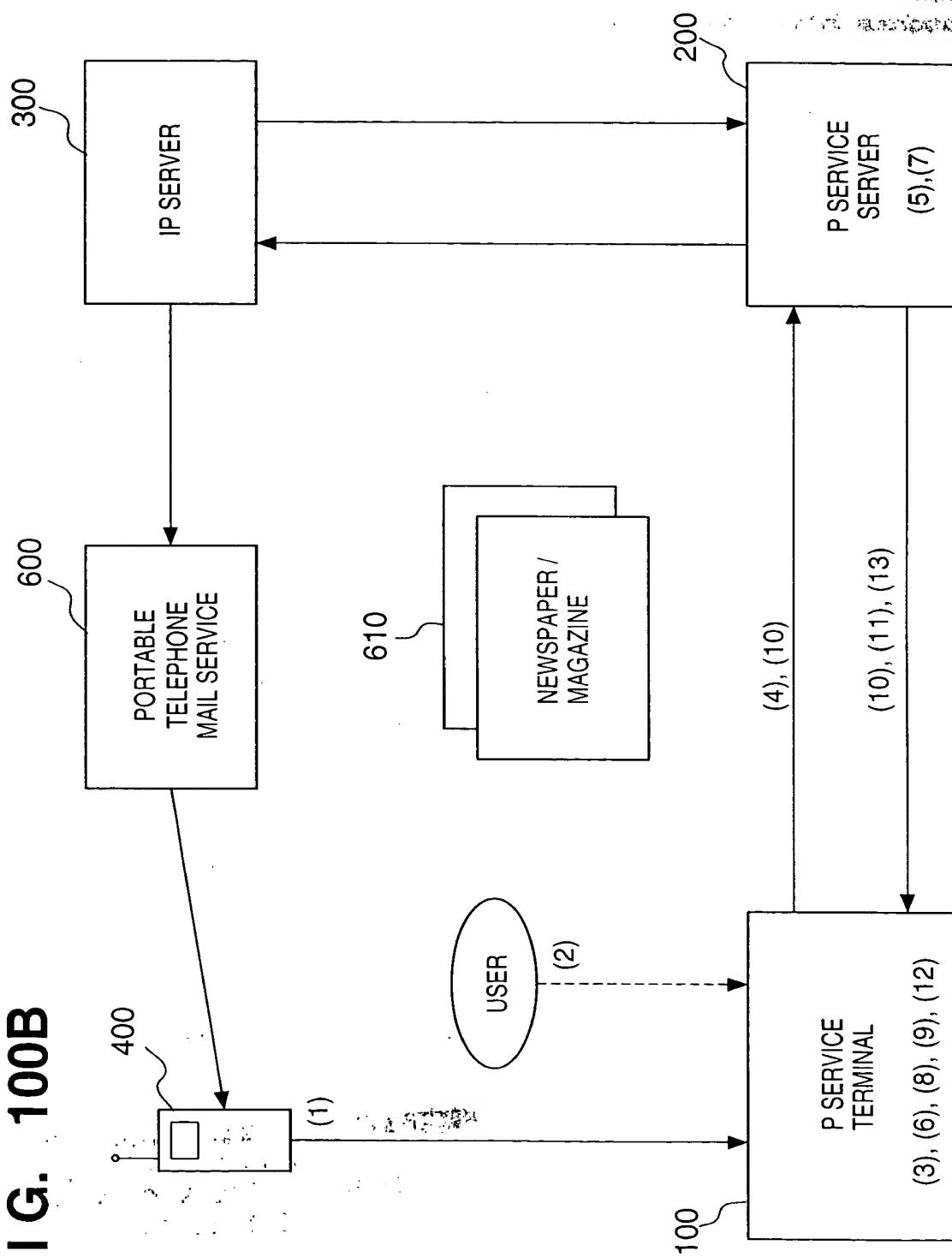


FIG. 100B



U.S. PATENT APPLICATION

INVENTOR: HIROSHI SATOMI ET AL.
TITLE: INFORMATION PROVIDING
METHOD, ETC.

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Docket No.: 862.C1892

FITZPATRICK, CELLA, HARPER & SCINTO
30 ROCKEFELLER PLAZA
NEW YORK, NEW YORK 10112
212-218-2100

U.S. PATENT APPLICATION

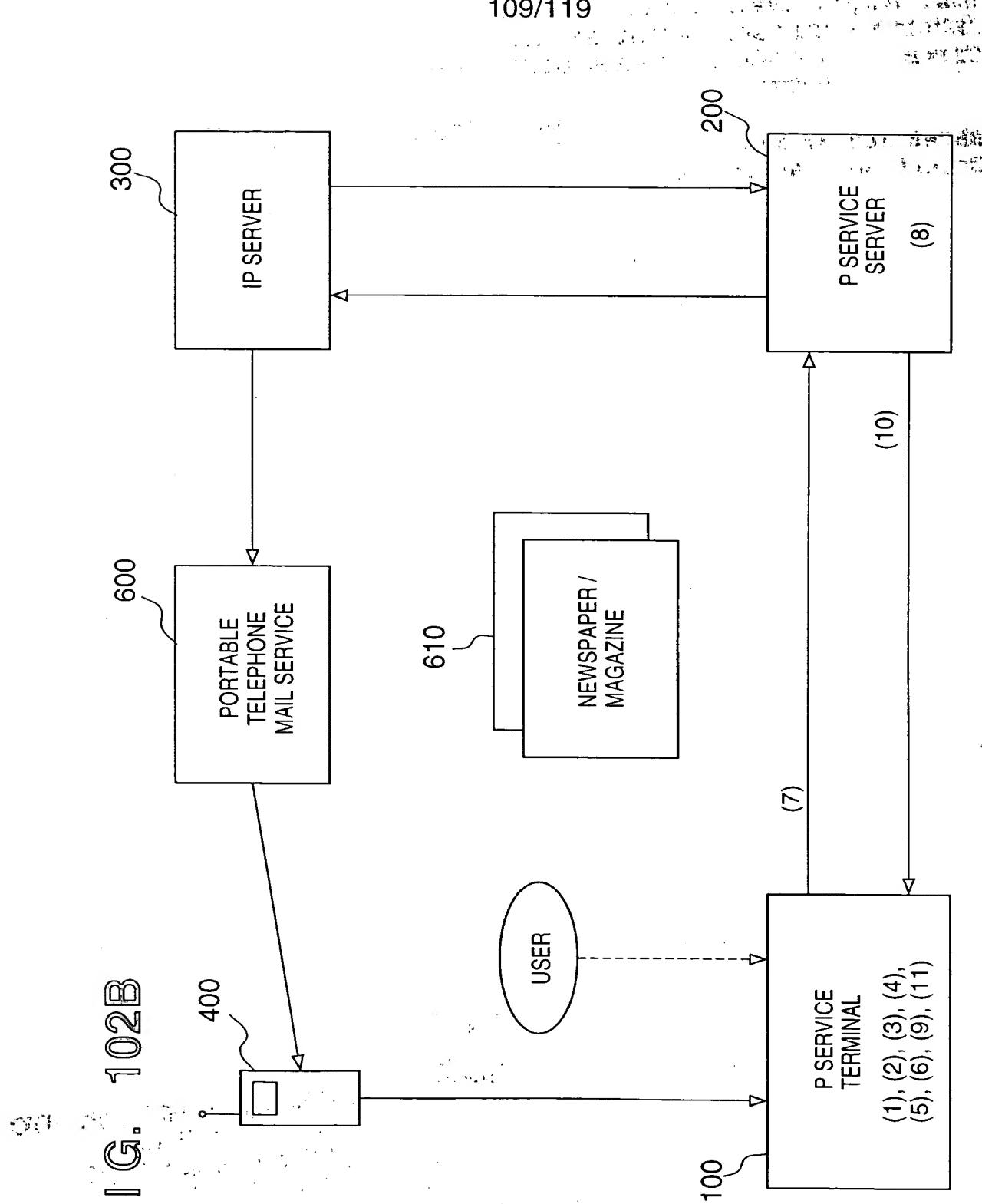
INVENTOR: HIROSHI SATOMI ET AL.
TITLE: INFORMATION PROVIDING
METHOD, ETC.

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Docket No.: 862.C1892

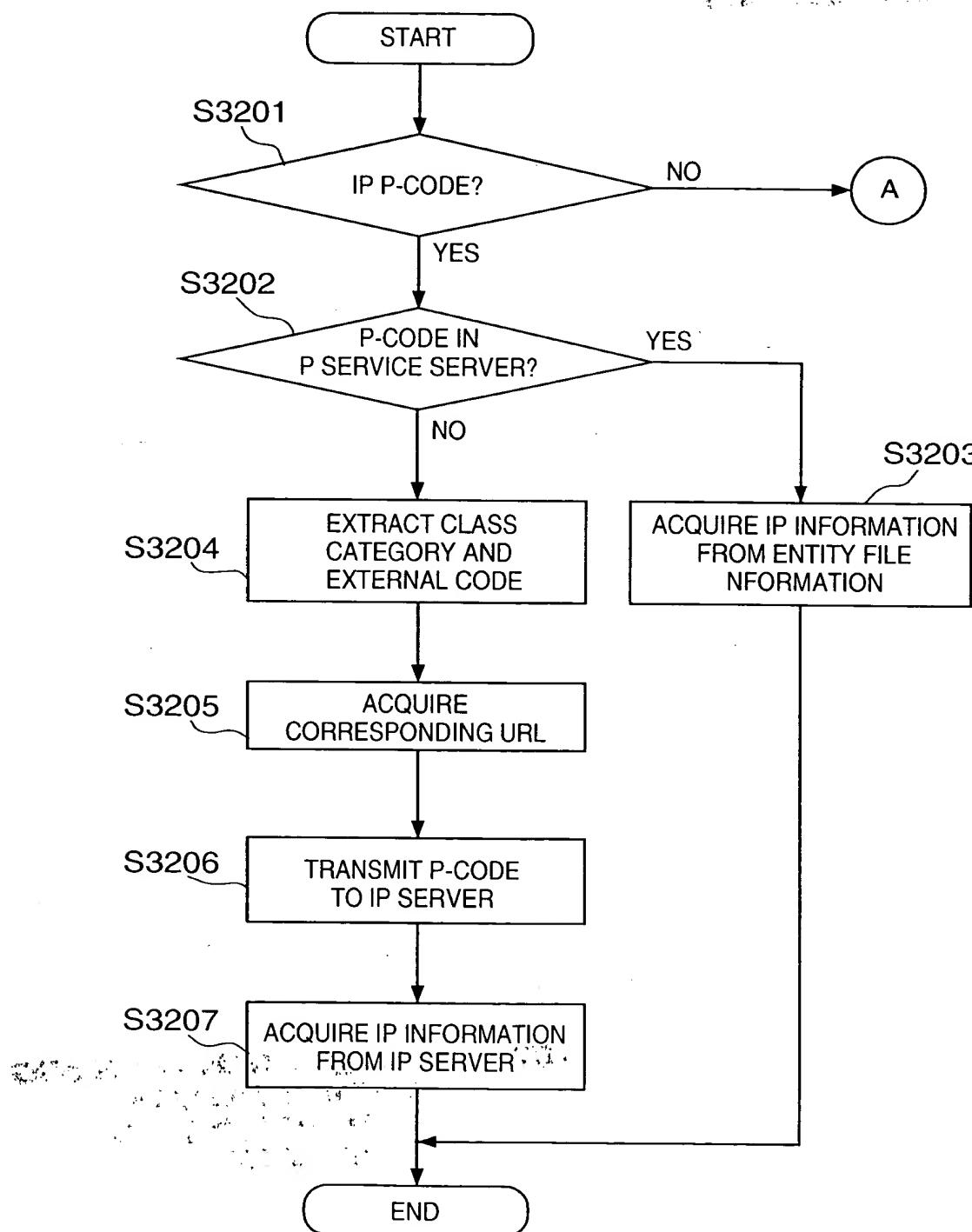
FITZPATRICK, CELLA, HARPER & SCINTO
30 ROCKEFELLER PLAZA
NEW YORK, NEW YORK 10112
212-218-2100

FIG. 102B



F I G. 103A

ACQUISITION OF IP INFORMATION



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FIG. 103B

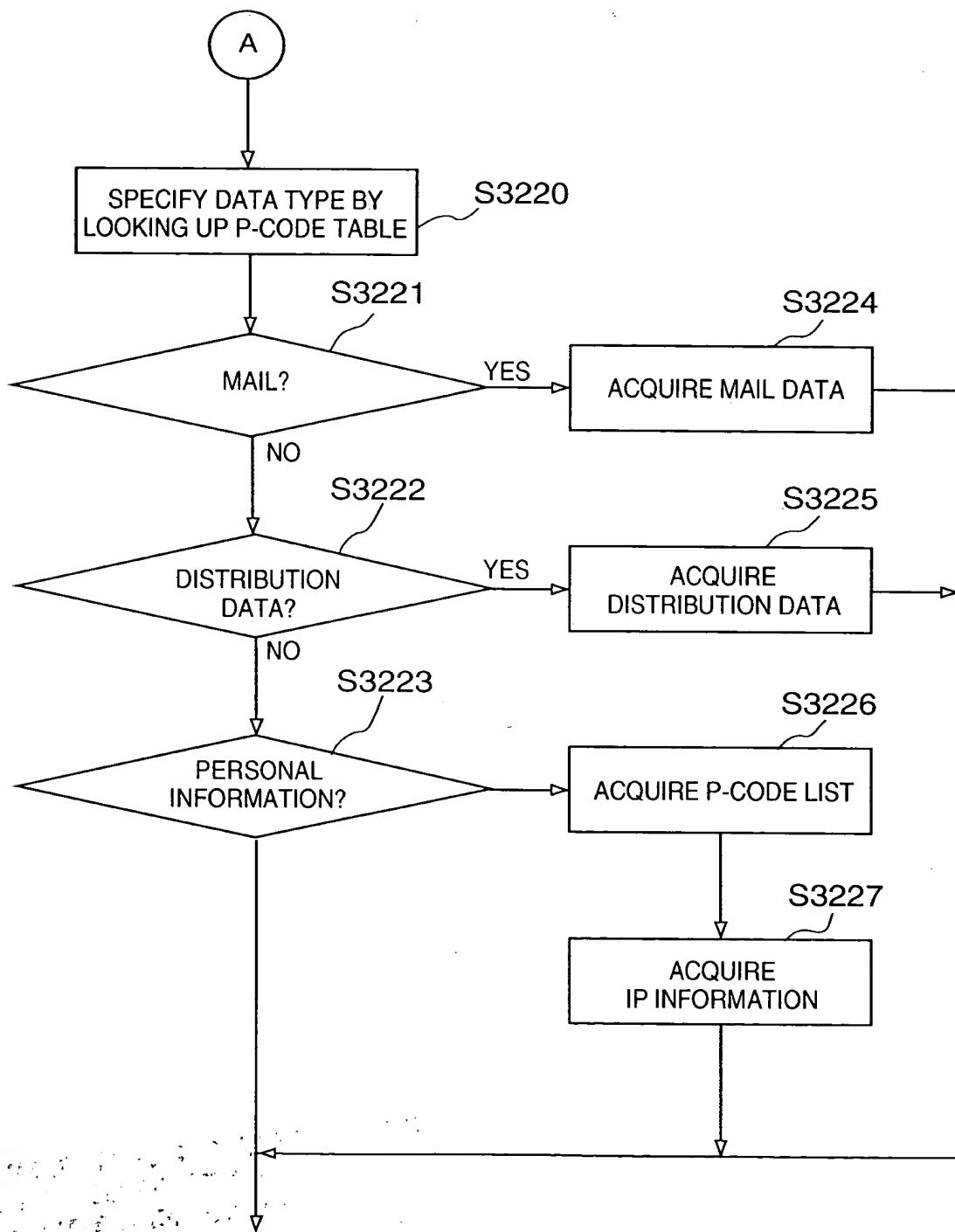


FIG. 104

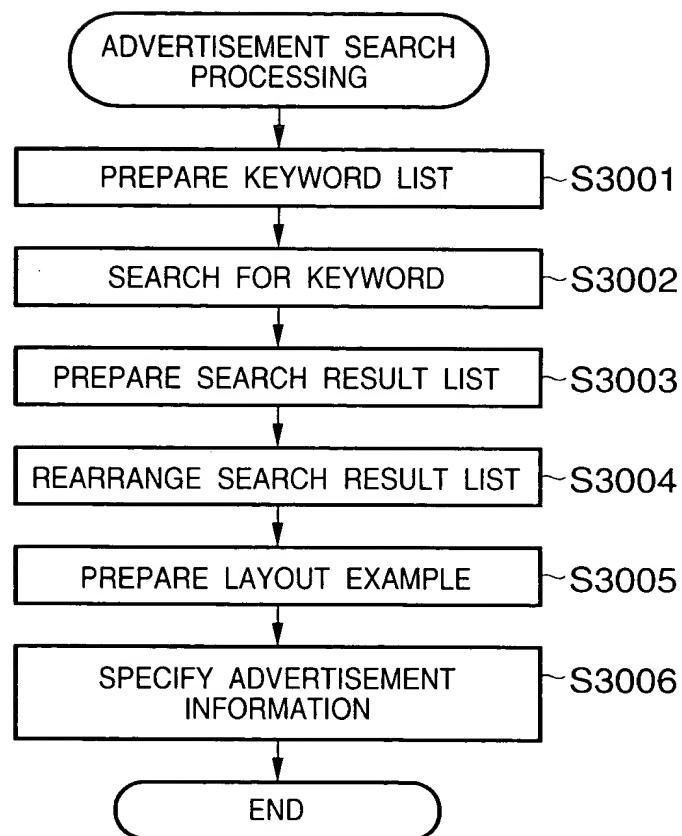


FIG. 105A

IP INFORMATION LIST	
KEYWORD	WEIGHT
MARRIAGE	+10

FIG. 105B

USER REGISTRATION LIST	
KEYWORD	WEIGHT
TOKYO	+1
25 YEARS OLD	+1

FIG. 105C

P SERVICE TERMINAL LIST	
KEYWORD	WEIGHT
SAITAMA	+1

FIG. 105D

HIGHEST PRIORITY LIST	
KEYWORD	WEIGHT
ADMISSION	+5
CHINESE CUISINE	+4

FIG. 105E

LOWEST PRIORITY LIST	
KEYWORD	WEIGHT
TOKYO	+1
KANAGAWA	+1

FIG. 106A

SEARCH RESULT LIST OF IP INFORMATION LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
MARRIAGE	+10	+++	+100
	-5	***	-50
	+3	- - -	+30
	-4	++ +	-40
	+7	* - *	+70

FIG. 106B

SEARCH RESULT LIST OF USER REGISTRATION LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
TOKYO	+2	@@*	+2
	+8	+ - *	+8
	-2	@ + +	-2
25 YEARS OLD	+10	@ * *	+10

FIG. 106C

SEARCH RESULT LIST OF P SERVICE TERMINAL LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
SAITAMA	+10	++@	+10
	+5	* + +	+5
	-5	@ * @	-5

FIG. 106D

SEARCH RESULT LIST OF HIGHEST PRIORITY LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
ADMISSION	+10	++/	+50
	+3	* /*	+15
CHINESE CUISINE	+3	% % %	+12
	-4	\$ \$ \$	-16
	+7	% & %	+28

FIG. 106E

SEARCH RESULT LIST OF LOWEST PRIORITY LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
TOKYO	+1	+ & +	+1
	-2	* * &	-2
KANAGAWA	+2	\$ - -	+2
	-2	+ - &	-2
	+1	* - &	+1

FIG. 107A

SEARCH RESULT LIST OF IP INFORMATION LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
MARRIAGE	+7	* - *	+85
	+10	+ - +	+80
	+3	- - -	+30
	-5	* * *	-30
	-4	+ - +	-45

FIG. 107B

SEARCH RESULT LIST OF USER REGISTRATION LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
TOKYO	+8	+ - *	+10
	-2	@ + +	+0
	+2	@ @ +	-1
25 YEARS OLD	+10	@ * *	+10

FIG. 107C

SEARCH RESULT LIST OF P SERVICE TERMINAL LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
SAITAMA	+10	+ + @	+15
	+5	* + +	+3
	-5	@ * @	-8

FIG. 107D

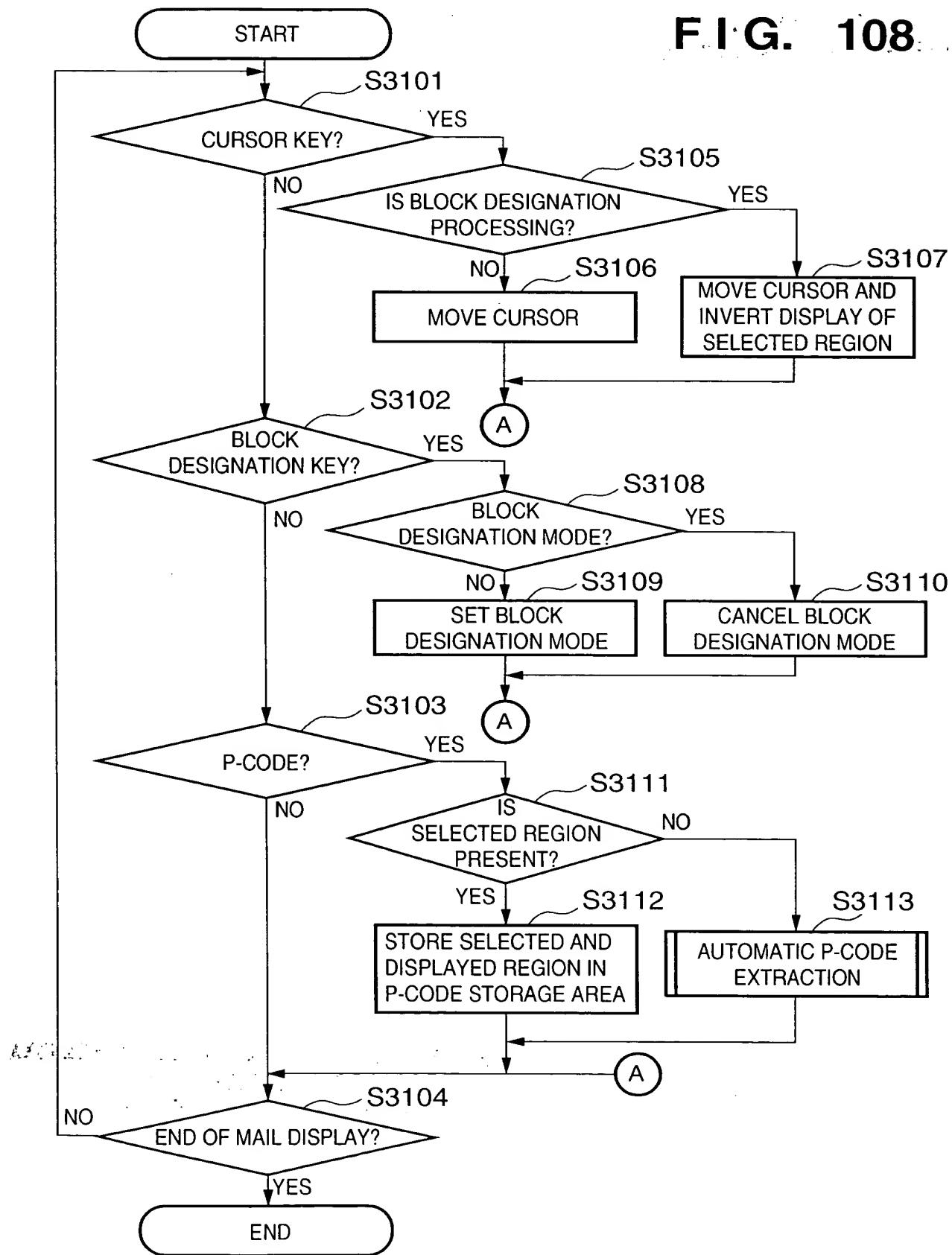
SEARCH RESULT LIST OF HIGHEST PRIORITY LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
ADMISSION	+10	+ + /	+40
	+3	* / *	+10
CHINESE CUISINE	+7	% & %	+25
	+3	% % %	+20
	-4	\$ \$ \$	-5

FIG. 107E

SEARCH RESULT LIST OF LOWEST PRIORITY LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
TOKYO	-2	* * &	+4
	+1	+ & +	-5
KANAGAWA	+2	\$ - -	+10
	-2	+ - &	-1
	+1	* - \$	-5

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RECEPTION OF MAIL AND DISPLAY OF CONTENTS OF MAIL

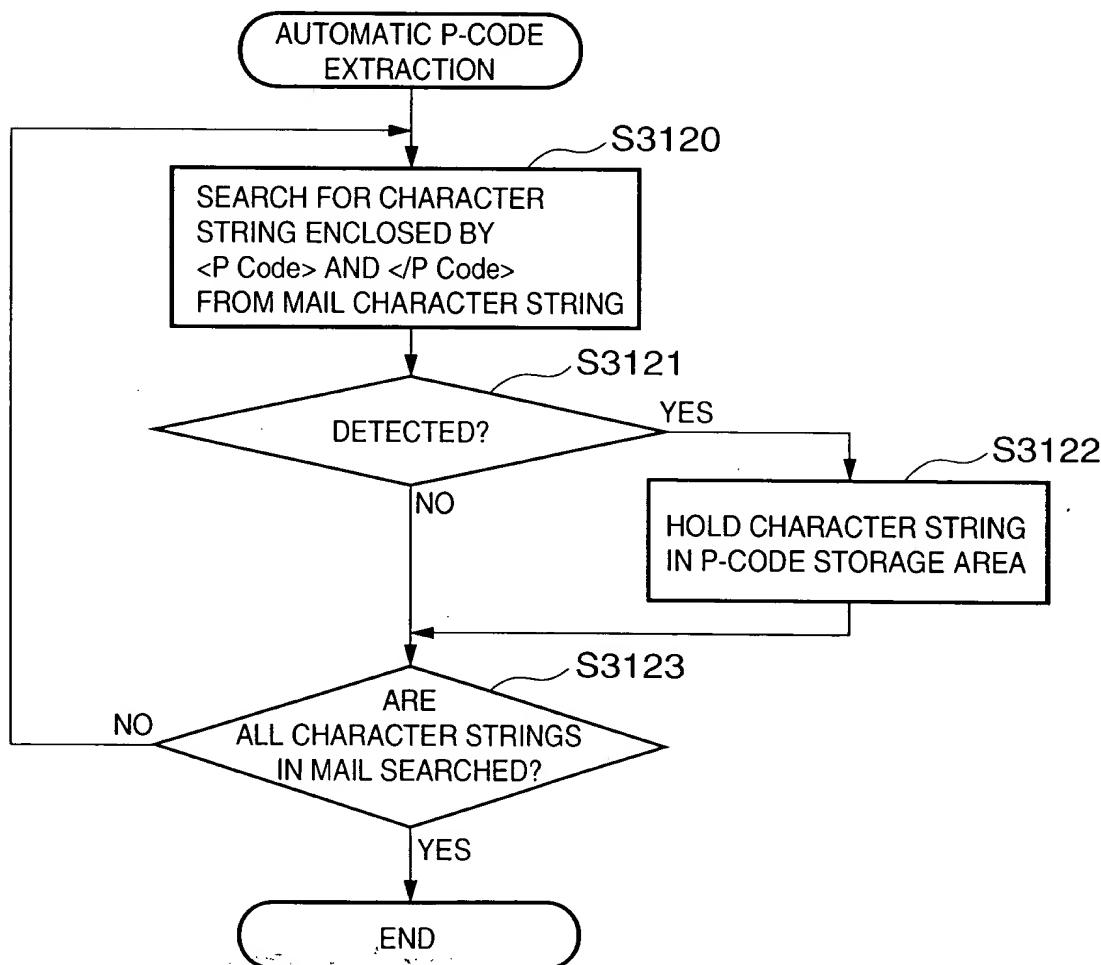
FIG. 108



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FIG. 109

MAIL UNDER DISPLAY AND AUTOMATIC P-CODE EXTRACTION



P-CODE TRANSMISSION FUNCTION

FIG. 110

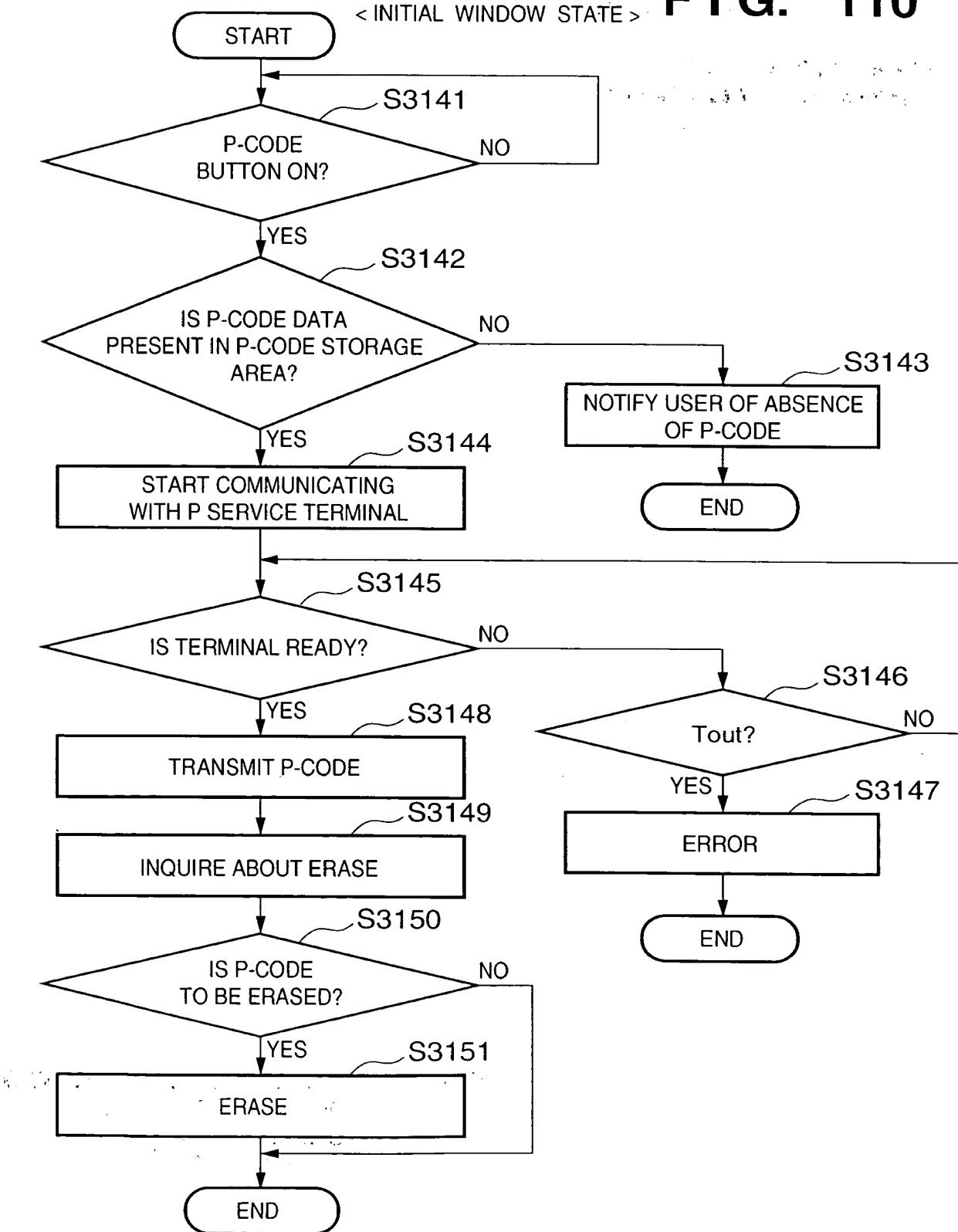


FIG. 111

